

PUBLICATION LIST
BÉLA IVÁN

2018

Ábrahám Ágnes, Kasza György, Szabó Ákos, Gyulai Gergő, Verebélyi Klára, Iván Béla, Kiss Éva

Organic nanolayers for liquid and particle adhesion studies

— In: Magyar Kémikusok Egyesülete (ed.)

1 11th Conference on Colloid Chemistry. 172 p.

— Konferencia helye, ideje: Eger, Hungary, 28/05/2018-30/05/2018. Budapest: Magyar Kémikusok Egyesülete (MKE), 2018. p. 130.

(ISBN:[978-963-9970-86-1](#))

Chapter in Book/Abstract/Scientific

Balázs Pásztói, Tobias M Trötschler, Ákos Szabó, Benjamin Kerschler, Heikki Tenhu, Rolf Mülhaupt, Béla Iván

— Synthesis, characterization and thermoresponsive behavior of hydrophobically modified poly(2-ethyl-2-oxazoline)s

2 In: 17th Polymers and Organic Chemistry Conference. Place and date of conference: Montpellier, France, 03/06/2018-07/06/2018.p. P38.

Conference paper/Abstract/Scientific

György Kasza, Györgyi Szarka, Andrea Bodor, Gergely Kali, Béla Iván
IN SITU TERMINAL FUNCTIONALIZATION OF POLYSTYRENE OBTAINED BY
QUASILIVING ATRP AND SUBSEQUENT DERIVATIZATIONS

— In: N Tsarevsky, H Gao, K Matyjaszewski, B Sumerlin (ed.)

3 REVERSIBLE DEACTIVATION RADICAL POLYMERIZATION: FROM MECHANISMS TO MATERIALS AND APPLICATIONS. Washington: American Chemical Society, 2018. pp. 1-16.

Chapter in Book/Chapter/Scientific

Illés E, Szekeres M, Tóth IY, Szabó Á, Iván B, Turcu R, Vékás L, Zupkó I, Jaics G, Tombácz E

— Multifunctional PEG-carboxylate copolymer coated superparamagnetic iron oxide nanoparticles for biomedical application

4 JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 451: pp. 710-720. (2018)

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2017

Ákos Szabó, István Szanka, Gyula Tolnai, Györgyi Szarka, Béla Iván

LCST-type thermoresponsive behaviour of interpolymer complexes of well-defined

— poly(poly(ethylene glycol) methacrylate)s and poly(acrylic acid) synthesized by ATRP

5 POLYMER 111: pp. 61-66. (2017)

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Journal Article/Article/Scientific

6 Ákos Szabó, György Bencskó, Györgyi Szarka, Béla Iván
Thermoresponsive UCST-Type Behavior of Interpolymer Complexes of Poly(ethylene glycol) and Poly(poly(ethylene glycol) methacrylate) Brushes with Poly(acrylic acid) in Isopropanol
MACROMOLECULAR CHEMISTRY AND PHYSICS 218:(5) Paper 1600466. (2017)
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7 Balázs Pásztói, Tobias Trötschler, Ákos Szabó, Benjamin Kerscher, Béla Iván, Rolf Mülhaupt
Endfunctional Polyisobutylenes as Building Blocks of Multicomponent Macromolecular Assemblies
MACROMOLECULAR CHEMISTRY AND PHYSICS 218:(2) p. F19. 1 p. (2017)
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8 Csaba Fodor, Gergely Kali, Ralf Thomann, Yi Thomann, Béla Iván, Rolf Mülhaupt
Nanophasic morphologies as a function of the composition and molecular weight of the macromolecular cross-linker in poly(Nvinylimidazole)-I-poly(tetrahydrofuran) amphiphilic conetworks: bicontinuous domain structure in broad composition ranges
RSC ADVANCES 7: pp. 6827-6834. (2017)
Link(s): [DOI](#), [WoS](#)
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Independent citations: 2 All citations: 2

9 György Kasza, Gergely Kali, Attila Domján, Lilla Pethő, Györgyi Szarka, Béla Iván
Synthesis of Well-Defined Phthalimide Monofunctional Hyperbranched Polyglycerols and Its Transformation to Various Conjugation Relevant Functionalities
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Independent citations: 3 Dependent (self-) citations: 1 All citations: 4

10 Kasza G, Stumphauser T, Nádor A, Osváth Z, Szarka G, Domján A, Mosnáček J, Iván B
Hyperbranched polyglycerol nanoparticles based multifunctional, nonmigrating hindered phenolic macromolecular antioxidants: Synthesis, characterization and its stabilization effect on poly(vinyl chloride)
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Amphiphilic hyperbranched polyglycerols in a new role as highly efficient multifunctional surface active stabilizers for poly (lactic/glycolic acid) nanoparticles
RSC ADVANCES 7:(8) pp. 4348-4352. (2017)
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Extreme difference of polarities in a single material: Poly(acrylic acid)-based amphiphilic conetworks with polyisobutylene cross-linker

12 JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY 55: pp. 1818-1821. (2017)

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Independent citations: 2 All citations: 2

Zsófia Osváth, Béla Iván

The Dependence of the Cloud Point, Clearing Point, and Hysteresis of Poly(N-isopropylacrylamide) on Experimental Conditions: The Need for Standardization of Thermoresponsive Transition Determinations

13 MACROMOLECULAR CHEMISTRY AND PHYSICS 218:(4) Paper UNSP 1600470. (2017)

Link(s): [REAL](#), [DOI](#), [WoS](#)

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Independent citations: 5 Dependent (self-) citations: 1 All citations: 6

Zsófia Osváth, Tamás Tóth, Béla Iván

Synthesis, characterization, LCST-type behavior and unprecedented heating-cooling hysteresis of poly(N-isopropylacrylamide-co-3-(trimethoxysilyl)propyl methacrylate) copolymers

14 POLYMER 108: pp. 395-399. (2017)

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Independent citations: 3 Dependent (self-) citations: 1 All citations: 4

Zsófia Osváth, Tamás Tóth, Béla Iván

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15 MACROMOLECULAR RAPID COMMUNICATIONS 38:(6) Paper 1600724. (2017)

Link(s): [REAL](#), [DOI](#), [WoS](#), [Scopus](#)

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Independent citations: 4 All citations: 4

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Synthesis of novel type of functional macromolecules by quasi living polymerizations and subsequent modifications

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(ISBN:[978-963-12-5635-2](#))

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Csaba Fodor, Timea Stumphauser, Ralf Thomann, Yi Thomann, [Bela Ivan](#)
Poly(N-vinylimidazole)-I-poly(propylene glycol) amphiphilic conetworks and gels:
molecularly forced blends of incompatible polymers with single glass transition
temperatures of unusual dependence on the composition

18 POLYMER CHEMISTRY 7: pp. 5375-5385. (2016)

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Independent citations: 5 All citations: 5

Gergely Kali, [Béla Iván](#)

Noncollapsing polyelectrolyte conetwork gels in physiologically relevant salt solutions

19 EUROPEAN POLYMER JOURNAL 84: pp. 668-674. (2016)

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Journal Article/Article/Scientific

Independent citations: 4 Dependent (self-) citations: 1 All citations: 5

[Iván Béla](#)

Makromolekuláris építészeti funkciós polimerekkel

20 MAGYAR KÉMIAI FOLYÓIRAT - KÉMIAI KÖZLEMÉNYEK (1997-) 122:(1) pp. 5-12.
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Can Nonpolar Polyisobutylenes be Measured by Electrospray Ionization Mass
Spectrometry? Anion-Attachment Proved to be an Appropriate Method.

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Dependent (self-) citations: 1 All citations: 1

Osváth Zsófia, Tóth Tamás, [Iván Béla](#)

Poli(N-izopropil-akrilamid) alapú polimerek és gélek előállítása és tulajdonságaik vizsgálata

22 In: MAJDIK Kornélia (ed.)

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Hungarian Technical Scientific Society of Transylvania (HTSST), p. 34.

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Pethő L, Kasza G, Láng O, Lajkó E, Iván B, Kőhidai L, Mező G
Synthesis and in vitro cytotoxic activity of EGF receptor targeting drug-peptide-
23 polymer conjugates

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Tímea Stumphauer, Csaba Fodor, Béla Iván, András Wacha, Attila Bóta, Ralf
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Synthesis and characterization of poly(N-vinylimidazole)-I-polyisobutylene
amphiphilic polymer conetworks

25 In: Silvia Podhradská, Jaroslav Mosnáček (ed.)

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Amphiphilic polymer conetworks based on poly(N-vinylimidazole) cross-linked with
telechelic macromonomers

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The cloud point dependence of poly(N-isopropylacrylamide) on experimental
conditions: standardization of LCST determination

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Sol-gel preparation of hybrid gels based on thermoresponsive poly(N-isopropylacrylamide)

In: Silvia Podhradská, Jaroslav Mosnáček (ed.)

XXII. International Conference on Macromolecules (BIMac): Polymers with Tailored Architecture and Properties. Konferencia helye, ideje: Bratislava, Slovakia, 06/09/2016-09/09/2016. Bratislava: Slovak Academy of Sciences, 2016. p. 76.

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Synthesis of Poly(poly(ethylene glycol) methacrylate)–Polyisobutylene ABA Block Copolymers by the Combination of Quasiliving Carbocationic and Atom Transfer

Radical Polymerizations

29 MACROMOLECULAR RAPID COMMUNICATIONS 36: pp. 238-248. (2015)

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Independent citations: 7 Dependent (self-) citations: 2 All citations: 9

K Bányai, Zs Osváth, B Iván

Poly(N,N-diethylacrylamide)-based organic-inorganic hybrid gels made by sol-gel chemistry

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Dependent (self-) citations: 1 All citations: 1

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Novel carboxylated PEG-coating on magnetite nanoparticles designed for biomedical applications

34 JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS 380: pp. 132-139. (2015)

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Independent citations: 21 Dependent (self-) citations: 4 All citations: 25

Fodor Cs, Bozi J, Blazsó M, Iván B

Unexpected thermal decomposition behavior of poly(N-vinylimidazole)-I-poly(tetrahydrofuran) amphiphilic conetworks, a class of chemically forced blends

35 RSC ADVANCES 5: pp. 17413-17423. (2015)

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Independent citations: 8 Dependent (self-) citations: 2 All citations: 10

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Designing a new multifunctional PEG-polycarboxylate shell on nanomagnets for biological use

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36 Book of Abstracts, International Symposium on Amphiphilic Polymers, Gels and Membranes. Konferencia helye, ideje: Budapest, Hungary, 30/08/2015-02/09/2015. Dunakeszi: Palatinus Print Kft., 2015. p. 29.

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Kali G, Ivan B

Poly(methacrylic acid)-I-Polyisobutylene Amphiphilic Conetworks by Using an Ethoxyethyl-Protected Comonomer: Synthesis, Protecting Group Removal in the Cross-Linked State, and Characterization

37 MACROMOLECULAR CHEMISTRY AND PHYSICS 216: pp. 605-613. (2015)

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Independent citations: 9 Dependent (self-) citations: 2 All citations: 11

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38 Synthesis of hyperbranched poly(ethyleneimine) based macromolecular antioxidants and investigation of their efficiency in stabilization of polyolefins

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Independent citations: 16 Dependent (self-) citations: 1 All citations: 17

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A Nádor, Gy Kasza, K Mosnácková, Zs Osváth, T Stumphauer, Gy Szarka, K Czaniková, J Rychly, S Chmela, H Mosnáček, [B Iván](#)

Syntheses and characterization of multicomponent macromolecular stabilizers

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Sz Pásztor, [B Iván](#)

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- 43 Synthesis and in vitro biological activity of EGF receptor targeting peptide-drug conjugates

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Comparison of the UV stabilisation effect of commercially available processing

44 POLYMER DEGRADATION AND STABILITY 118: pp. 10-16. (2015)

Link(s):  [REAL](#), [DOI](#), [WoS](#)

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Independent citations: 5 All citations: 5

T Stumphauser, Cs Fodor, B Iván

Poly(N-vinylimidazole) containing amphiphilic conetworks

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45 Book of Abstracts, International Symposium on Amphiphilic Polymers, Gels and Membranes. Konferencia helye, ideje: Budapest, Hungary, 30/08/2015-02/09/2015. Dunakeszi: Palatinus Print Kft., 2015. p. 39.

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Á Szabó, A Wacha, R Thomann, Gy Szarka, A Bóta, B Iván

Synthesis of poly(methyl methacrylate)-poly(poly(ethylene glycol) methacrylate)-polyisobutylene ABCBA pentablock copolymers by combining quasiling carbocationic and atom transfer radical polymerizations and characterization thereof

46 JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY 52: pp. 252-259. (2015)

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Independent citations: 5 Dependent (self-) citations: 1 All citations: 6

Szabó Á, Mezey P, Fodor Cs, Domján A, Kali G, Stumphauser T, Erdődi G, R Thomann, Németh P, Szarka I, Illés G, Haraszi M, Pásztor Sz, Bóta A, Wacha A, Süvegh K, Iván B

47 Amfifil polimer kotérhálók: egy újszerű nanoszerkezetű anyagcsoport

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Szarka Györgyi, Jozef Kollar, Jaroslav Mosnácěk, Iván Béla

Polimerek a talaj felett és alatt: korszerű környezetbarát polimerek

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49 S Chmela, K Czaníková, K Mosnácková, J Mosnáček, Gy Kasza, A Nádor, Á Szabó, Zs Szabó, Gy Szarka, B Iván

New types of phenolic polymeric/oligomeric stabilizer and their testing in PE and PP photo-oxidation

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Synthesis of bio-friendly hyperbranched polymer based macromolecular antioxidants

In: Kasza Gy (ed.)

50 International Conference on Bio-Friendly Polymers and Polymer Additives: From Scientific Aspects to Processing and Applications: Program and Book of Abstracts.

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Synthesis of hyperbranched polyglycerol based macromolecular antioxidants

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D Koronka, Á Szabó, B Iván

Synthesis and characterization of poly(poly(ethylene glycol) methyl ether methacrylate-co-N-vinylimidazole) copolymers

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58 Hőmérséklet érzékeny hibrid polimerek és gélek előállítás, tulajdonságaik vizsgálata és potenciális alkalmazási lehetőségeik

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Independent citations: 11 Dependent (self-) citations: 1 All citations: 12

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Independent citations: 4 Dependent (self-) citations: 4 All citations: 8

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A poli(N-izopropil-akrilamid) mint intelligens anyag: a szerkezet hatása az alsó kritikus oldhatósági hőmérsékletre

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Hiperelágazásos polisztirol előállításá sztirol és divinil-benzol karbokationos
kopolimerizációjával környezetileg előnyös reakciókörülmények között
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Publication year: 2004

Protection forms/German patent/Scientific

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METHOD FOR PRODUCING CARBOXYL-TERMINATED POLYISOBUTENES

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Protection forms/International patent/Scientific

G Crass, B Iván, G Erdődi, Á Máthé
USE OF QUATERNISED DIALKYLAMINOALKYL (METH)ACRYLATES AS SOIL
RELEASE POLYMERS FOR HARD SURFACES AND A METHOD FOR
178 PRODUCTION THEREOF

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Publication year: 2004

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AND THEIR USE

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Publication year: 2004

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181 CHEMISTRY OF MATERIALS 16: pp. 959-962. (2004)

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Independent citations: 13 Dependent (self-) citations: 1 All citations: 14

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Independent citations: 75 Dependent (self-) citations: 32 All citations: 107

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USE OF QUATERNISED DIALKYLAMINOALKYL (METH)ACRYLATES AS SOIL
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Independent citations: 18 Dependent (self-) citations: 10 All citations: 28

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Publication year: 1999

Protection forms/European patent/Scientific

B Iván, F de Jong

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Independent citations: 13 All citations: 13

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Independent citations: 42 Dependent (self-) citations: 2 All citations: 44

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Independent citations: 8 Dependent (self-) citations: 2 All citations: 10

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Independent citations: 84 Dependent (self-) citations: 12 All citations: 96

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Independent citations: 6 All citations: 6

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Journal Article/Article/Scientific

Independent citations: 54 All citations: 54

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Independent citations: 14 Dependent (self-) citations: 2 All citations: 16

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Independent citations: 2 Dependent (self-) citations: 1 All citations: 3

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Independent citations: 56 Dependent (self-) citations: 12 All citations: 68

Szakács T, Iván B, Szesztay M

Chain Scission in Thermooxidative Degradation of PVC in Dioctylphthalate

248 POLYMER PREPRINTS 39:(2) pp. 372-373. (1998)

Journal Article/Article/Scientific

Independent citations: 1 All citations: 1

Tolnai M, Iván B, Kovács AL

Cell Adhesion Properties of Amphiphilic Conetworks

249 POLYMERIC MATERIALS SCIENCE AND ENGINEERING 79: pp. 250-251. (1998)

Journal Article/Article/Scientific

Independent citations: 7 All citations: 7

1997

A Müller, B Iván, JJ Feldthusen

INITIATOREN FÜR DIE ANIONISCH INITIIERTE POLYMERISATION VON
WENIGSTENS EINE ETHYLENISCH UNGESÄTTIGTE GRUPPE

250 AUFWEISENDEN MONOMEREN

Patent ID: DE PATENT 19648029A1 (20.03.1997)

Publication year: 1997

Protection forms/German patent/Scientific

A Müller, B Iván, JJ Feldthusen

VERFAHREN ZUR HERSTELLUNG VON INITIATOREN FÜR DIE ANIONISCH
INITIIERTE POLYMERISATION VON WENIGSTENS EINE ETHYLENISCH

251 UNGESÄTTIGTE GRUPPE AUFWEISENDEN MONOMEREN

Patent ID: DE PATENT 19648028A1(27.03.1997)

Publication year: 1997

Protection forms/German patent/Scientific

A Müller, B Iván, JJ Feldthusen

INITIATORS FOR THE ANIONIC POLYMERIZATION OF MONOMERS
CONTAINING AT LEAST ONE ETHYLENICALLY UNSATURATED GROUP

252 Patent ID: WO PATENT 034,938 (1997)

Publication year: 1997

Protection forms/International patent/Scientific

Chen X, Iván B, Kops J, Batsberg W

Polystyrene-b-polyisobutylene-b-polystyrene Block Copolymers by Combining
Living Cationic and "Living" Free Radical Polymerization

253 POLYMER PREPRINTS 38:(1) pp. 715-716. (1997)

Journal Article/Article/Scientific

Independent citations: 4 All citations: 4

Feldthusen J, Iván B, Müller AHE

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Anionic Polymerizations

254 POLYMERIC MATERIALS SCIENCE AND ENGINEERING 76: pp. 1-2. (1997)

Journal Article/Article/Scientific

Independent citations: 1 All citations: 1

Feldthusen J, Iván B, Müller AHE, Kops J

Synthesis of Linear and Three-Arm Star tert-Chlorine-Telechelic Polyisobutylenes
by a Two-Step Conventional Laboratory Process

255 MACROMOLECULAR RAPID COMMUNICATIONS 18: pp. 417-425. (1997)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 4 Dependent (self-) citations: 7 All citations: 11

Feldthusen J, [Iván B](#), Müller AHE

Stable Carbanions by Quantitative Metallation of Cationically Obtained Diphenylvinyl and Diphenylmethoxy Compounds: New Initiators for Living Anionic Polymerizations

256 MACROMOLECULES 30: pp. 6989-6903. (1997)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 36 Dependent (self-) citations: 12 All citations: 48

Feldthusen J, [Iván B](#), Müller AHE

New Amphiphilic Block Copolymers and Thermoplastic Elastomers by Combination of Living Carbocationic and Anionic Polymerizations

257 In: Proceedings, IUPAC International Symposium on Ionic Polymerizations. Place and date of conference: Paris, France, 07/07/1997-11/07/1997. Paris: pp. 106-108. Conference paper/Conference paper/Scientific

Feldthusen J, [Iván B](#), Müller AHE

New Block Copolymers by Combination of Living Carbocationic and Anionic Polymerizations

258 In: Proceedings, Fourth Int. Symp. on Polymers for Advanced Technologies. Place and date of conference: Leipzig, Germany, 31/08/1997-04/09/1997. Leipzig: pp. O12a-b.

Conference paper/Conference paper/Scientific

Gao B, Chen X, [Iván B](#), Kops J, Batsberg W

Living Atom Transfer Radical Polymerization of 4-Acetoxystyrene

259 MACROMOLECULAR RAPID COMMUNICATIONS 18: pp. 1095-1100. (1997)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 41 Dependent (self-) citations: 4 All citations: 45

Gao B, Chen X, [Iván B](#), Kops J, Batsberg W

Synthesis of Triblock and Random Copolymers of 4-Acetoxystyrene and Styrene by Living Atom Transfer Radical Polymerization

260 POLYMER BULLETIN 39: pp. 559-565. (1997)

Link(s): [DOI](#), [WoS](#)

Journal Article/Article/Scientific

Independent citations: 29 Dependent (self-) citations: 10 All citations: 39

Gao B, Chen X, [Iván B](#), Kops J, Batsberg W

Control Possibilities for the Synthesis of New Polymer Architectures by Combination of Living Atom Transfer Free Radical Polymerization with Living Carbocationic Polymerization

261 In: Proceedings, Fourth Int. Symp. on Polymers for Advanced Technologies. Place and date of conference: Leipzig, Germany, 31/08/1997-04/09/1997. Leipzig: pp. P16a-b.

Conference paper/Conference paper/Scientific

Held D, Iván B, Müller AHE, de Jong F, Graafland T
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262 Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 25 All citations: 25

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263 In: Proceedings, IUPAC International Symposium on Ionic Polymerizations. Place
and date of conference: Paris, France, 07/07/1997-11/07/1997. Paris: pp. 285-288.
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264 Macromolecular Design of Polymeric Materials. New York: Marcel Dekker Inc.,
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Independent citations: 7 Dependent (self-) citations: 3 All citations: 10

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265 In: Proceedings, IUPAC International Symposium on Ionic Polymerizations. Place
and date of conference: Paris, France, 07/07/1997-11/07/1997. Paris: pp. 44-47.
Conference paper/Conference paper/Scientific

Nielsen LV, Nielsen RR, Gao B, Kops J, Iván B
Synthesis of Isobutenyl-Telechelic Polyisobutylene by Functionalization with
Isobutenyltrimethylsilane

266 POLYMER 38: pp. 2529-2534. (1997)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 45 Dependent (self-) citations: 2 All citations: 47

1996

Domján A, Iván B, Süvegh K, Vértes A
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267 224. (1996)

Link(s): [DOI](#), [WoS](#)

Journal Article/Article/Scientific

Independent citations: 4 Dependent (self-) citations: 3 All citations: 7

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268 Synthetic Approaches towards New Polymer Systems by the Combination of Living
Carbocationic and Anionic Polymerizations
MACROMOLECULAR SYMPOSIA 107: pp. 189-198. (1996)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 15 Dependent (self-) citations: 5 All citations: 20

Held D, [Iván B](#), Müller AHE, de Jong F, Graafland T

Stability of Propagating Species in Living Carbocationic Polymerization

269 POLYMER PREPRINTS 37:(1) pp. 333-334. (1996)

Journal Article/Article/Scientific

Independent citations: 1 All citations: 1

[Iván B](#), Feldthusen J, Müller AHE

Synthesis Strategies and Properties of Smart Amphiphilic Networks

270 MACROMOLECULAR SYMPOSIA 102: pp. 81-90. (1996)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 30 Dependent (self-) citations: 15 All citations: 45

[Iván B](#)

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271 ADVANCES IN CHEMISTRY SERIES 249: pp. 19-32. (1996)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 31 Dependent (self-) citations: 4 All citations: 35

Müller M, Dardin A, Seidel U, Balsamo V, [Iván B](#), Spiess HW, Stadler R

Junction Dynamics in Telechelic Hydrogen Bonded Polyisobutylene Networks

272 MACROMOLECULES 29: pp. 2577-2583. (1996)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 103 Dependent (self-) citations: 5 All citations: 108

Yakimanski A, Zubov VA, [Iván B](#), Müller AHE

Quantum Chemical Investigation on the Mechanism of Direct Initiation of

Isobutylene Polymerization by Boron Trichloride

273 MACROMOLECULES 29: pp. 8696-8701. (1996)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 3 Dependent (self-) citations: 2 All citations: 5

1995

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Link(s): [WoS](#)

Journal Article/Article/Scientific

Independent citations: 6 Dependent (self-) citations: 1 All citations: 7

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Slow Initiation by tert-Butoxybenzenes in Living Cationic Polymerization of Isobutylene

POLYMER BULLETIN 35: pp. 583-590. (1995)

Link(s): [DOI](#), [WoS](#)

Journal Article/Article/Scientific

Independent citations: 4 Dependent (self-) citations: 2 All citations: 6

1994

Iván B

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276 MACROMOLECULAR SYMPOSIA 88: pp. 201-215. (1994)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 24 Dependent (self-) citations: 20 All citations: 44

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Conference paper/Abstract/Scientific

Independent citations: 1 All citations: 1

Yoon SC, Ratner BD, Iván B, Kennedy JP

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278 MACROMOLECULES 27: pp. 1548-1554. (1994)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 51 Dependent (self-) citations: 4 All citations: 55

1993

Everland HE, Kops J, Nielsen A, Iván B

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279 POLYMER BULLETIN 31: pp. 159-166. (1993)

Link(s): [DOI](#), [WoS](#)

Journal Article/Article/Scientific

Independent citations: 26 Dependent (self-) citations: 15 All citations: 41

Iván B, Kennedy JP

Macromolecular Design by Living Carbocationic Polymerization Techniques

280 INDIAN JOURNAL OF TECHNOLOGY 31: pp. 183-196. (1993)

Link(s): [WoS](#)

Journal Article/Article/Scientific

Independent citations: 8 Dependent (self-) citations: 16 All citations: 24

281 Iván B

A Survey of Kinetic and Mechanistic Similarities in Living Polymerization Systems
MAKROMOLEKULARE CHEMIE, DIE - MACROMOLECULAR SYMPOSIA 67: pp.
311-324. (1993)

Link(s): [DOI](#), [WoS](#)

Journal Article/Article/Scientific

Independent citations: 27 Dependent (self-) citations: 17 All citations: 44

Iván B

Thermal Stability and Stabilization Mechanisms of Poly(vinyl chloride)

282 POLYMER PREPRINTS 34:(2) pp. 116-117. (1993)

Journal Article/Article/Scientific

Independent citations: 8 All citations: 8

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Specialty and Advanced Polymers by Carbocationic Macromolecular Engineering

MAKROMOLEKULARE CHEMIE, DIE - MACROMOLECULAR SYMPOSIA 75: pp.

283 181-186. (1993)

Link(s): [DOI](#), [WoS](#)

Journal Article/Article/Scientific

Independent citations: 4 Dependent (self-) citations: 17 All citations: 21

J Kennedy, T Pernecker, B Iván

LIVING CARBOCATIONIC POLYMERIZATION OF POLY(ISOBUTYLENE-B-METHYL VINYL ETHER)

284 Patent ID: US PATENT 5,225,492 (1993)

Publication year: 1993

Protection forms/USA patent/Scientific

Independent citations: 14 Dependent (self-) citations: 2 All citations: 16

1992

Kennedy JP, Iván B

Designed Polymers by Carbocationic Macromolecular Engineering: Theory and Practice

285 München: Hanser Publishers, 1992. 240 p.

(ISBN:[3-446-16289-5](#))

Book/Monograph/Scientific

Independent citations: 470 Dependent (self-) citations: 80 All citations: 550

Pernecker T, Kennedy JP, Iván B

Living Carbocationic Polymerization XLVIII. Poly(isobutylene-b-methyl vinyl ether)

286 MACROMOLECULES 25: pp. 1642-1647. (1992)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 39 Dependent (self-) citations: 11 All citations: 50

1991

B Iván, B Turcsányi, T Kelen, F Tüdős

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ANGEWANDTE MAKROMOLEKULARE CHEMIE 189: pp. 35-49. (1991)

Link(s): [DOI](#), [WoS](#), [Scopus](#)

Journal Article/Article/Scientific

Independent citations: 13 Dependent (self-) citations: 5 All citations: 18

B Iván, J P Kennedy, P W Mackey

Amphiphilic Networks: Synthesis and Characterization of, and Drug Release from Poly(2-hydroxyethyl methacrylate)-I-polyisobutylene

288 ACS SYMPOSIUM SERIES 469: pp. 203-212. (1991)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 36 Dependent (self-) citations: 34 All citations: 70

B Iván, J P Kennedy, P W Mackey

Amphiphilic Networks: Synthesis and Characterization of, and Drug Release from Poly(N,N-dimethylacrylamide)-I-polyisobutylene

289 ACS SYMPOSIUM SERIES 469: pp. 194-202. (1991)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 55 Dependent (self-) citations: 36 All citations: 91

B Iván, JP Kennedy, PW Mackey

AMPHIPHILIC NETWORKS

290 Patent ID: US PATENT 5,073,381 (1991)

Publication year: 1991

Protection forms/USA patent/Scientific

Independent citations: 52 Dependent (self-) citations: 12 All citations: 64

Iván B

291 PVC degradációja és stabilizációja

Megjelenés/Fokozatszerzés éve: 1991.

Thesis/Doctor of HAS/Scientific

R Faust, B Iván, J P Kennedy

Living Carbocationic Polymerization XXXVIII. On the Nature of the Active Species in Isobutylene and Vinyl Ether Polymerization

292 JOURNAL OF MACROMOLECULAR SCIENCE - CHEMISTRY A28: pp. 1-13. (1991)

Link(s): [DOI](#), [WoS](#)

Journal Article/Article/Scientific

Independent citations: 41 Dependent (self-) citations: 9 All citations: 50

1990

B Iván, J P Kennedy

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293 JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY 28: pp. 89-104. (1990)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 150 Dependent (self-) citations: 47 All citations: 197

B Iván, J P Kennedy

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294 MACROMOLECULES 23: pp. 2880-2885. (1990)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 54 Dependent (self-) citations: 11 All citations: 65

B Iván, B Turcsányi, T Kelen, F Tüdős

Effect of Metal Stearate Stabilizers on the Thermal Degradation of PVC in Solution: The Reversible Blocking Mechanism of Stabilization

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Link(s): [DOI](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 13 Dependent (self-) citations: 5 All citations: 18

B Iván, J P Kennedy, P W Mackey

Amphiphilic Networks III. Synthesis and Characterization of, and Drug Release from Poly(N,N-dimethylacrylamide)-I-polyisobutylene

296 POLYMER PREPRINTS 31:(2) pp. 215-216. (1990)

Journal Article/Article/Scientific

Independent citations: 22 Dependent (self-) citations: 11 All citations: 33

B Iván, J P Kennedy, P W Mackey

Amphiphilic Networks IV. Synthesis and Characterization of, and Drug Release from Poly(2-hydroxyethyl methacrylate)-I-polyisobutylene

297 POLYMER PREPRINTS 31:(2) pp. 217-218. (1990)

Journal Article/Article/Scientific

Independent citations: 25 Dependent (self-) citations: 17 All citations: 42

R Faust, B Iván, J P Kennedy

Aspects of the Nature of the Active Species in Living Carbocationic Polymerization of Isobutylene and Vinyl Ethers

298 POLYMER PREPRINTS 32:(1) pp. 466-467. (1990)

Journal Article/Article/Scientific

Independent citations: 14 Dependent (self-) citations: 1 All citations: 15

1989

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The Main Elementary Events of Degradation and Stabilization of PVC

299 MAKROMOLEKULARE CHEMIE, DIE - MACROMOLECULAR SYMPOSIA 29: pp. 59-72. (1989)

Link(s): [DOI](#), [WoS](#)

Journal Article/Article/Scientific

Independent citations: 24 Dependent (self-) citations: 4 All citations: 28

B Iván, T Kelen, F Tüdős

A Critical Inventory of PVC Stabilization Mechanisms in Light of the Reversible Blocking Mechanism

300 In: Proceedings, Eleventh International Conference on Advances in the Stabilization and Controlled Degradation of Polymers. Place and date of conference: Luzern, Switzerland, 24/05/1989-26/05/1989. Luzern: pp. 24-26.

Conference paper/Conference paper/Scientific

Independent citations: 2 All citations: 2

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In: H H G Jellinek (ed.)

301 Degradation and Stabilization of Polymers. Amsterdam: Elsevier Science Publishers, 1989. pp. 483-714.

Chapter in Book/Study/Scientific

Independent citations: 78 Dependent (self-) citations: 11 All citations: 89

T Kelen, B Iván, F Tüdős

New Results in PVC Stabilization

302 In: A V Patsis (ed.)

Advances in the Stabilization and Controlled Degradation of Polymers. Lancaster: Technomic Publishing Co., 1989. pp. 39-51.

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M Zsuga, B Iván, J P Kennedy

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303 POLYMER BULLETIN 21: pp. 281-286. (1989)

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Independent citations: 6 Dependent (self-) citations: 5 All citations: 11

1988

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304 POLYMERIC MATERIALS SCIENCE AND ENGINEERING 58: pp. 548-552. (1988)

Journal Article/Article/Scientific

Independent citations: 7 Dependent (self-) citations: 2 All citations: 9

B Iván, T Kelen, F Tüdős

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305 POLYMER PREPRINTS 29:(1) pp. 132-133. (1988)

Journal Article/Article/Scientific

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306 POLYMERIC MATERIALS SCIENCE AND ENGINEERING 58: pp. 869-872. (1988)

Link(s): [Scopus](#)

Journal Article/Article/Scientific

Independent citations: 33 Dependent (self-) citations: 7 All citations: 40

B Iván, M Zsuga, F Gruber, J P Kennedy

Living Carbocationic Polymerization XXIV. Slow Initiation by 1-Methoxy-1-methylcyclohexane/TiCl₄ and trans-2,5-Diacetoxy-2,5-dimethyl-3-hexene/BCl₃

307 Initiating Systems

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Journal Article/Article/Scientific

Independent citations: 9 Dependent (self-) citations: 5 All citations: 14

B Iván

Kinetic Consequences of Carbocationic Grafting and Blocking from and onto

308 POLYMER BULLETIN 20: pp. 365-372. (1988)

Link(s): [WoS](#)

Journal Article/Article/Scientific

Independent citations: 5 Dependent (self-) citations: 1 All citations: 6

B Iván, T Kelen, F Tüdős

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Conference paper/Conference paper/Scientific

Iván B, Haszanova R, Kelen T, Tüdős F

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Link(s): [WoS](#)

Journal Article/Article/Scientific

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A PVC termooxidatív degradációja oldatban ónstabilizátorok jelenlétében

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Link(s): [WoS](#)

Journal Article/Article/Scientific

1986

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312 international conference on the theme : Functional polymers and biopolymers : [held] at St. John's and Trinity Colleges, University of Oxford, UK, 15th-19 September, 1986. 165 p.

Place and date of conference: Oxford, United Kingdom / England, 15/09/1986-19/09/1986. Oxford: Royal Society of Chemistry (RCS), pp. 61-62.

Conference paper/Conference paper/Scientific

313 D Braun, B Böhringer, B Iván, T Kelen, F Tüdős

Structural Defects in Poly(vinyl chloride) IV. Thermal Degradation of Vinyl Chloride/Acetylene Copolymers

EUROPEAN POLYMER JOURNAL 22: pp. 1-4. (1986)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 33 Dependent (self-) citations: 4 All citations: 37

D Braun, B Böhringer, B Iván, T Kelen, F Tüdős

Structural Defects in Poly(vinyl chloride) V. Thermal and Photo Degradation of Copolymers of Vinyl Chloride with Various Acetylene Derivatives

314 EUROPEAN POLYMER JOURNAL 22: pp. 299-304. (1986)

Link(s): [DOI](#), [WoS](#), [Teljes dokumentum](#)

Journal Article/Article/Scientific

Independent citations: 18 Dependent (self-) citations: 2 All citations: 20

D Braun, B Böhringer, B Iván, E Móri, T Kelen, F Tüdős

Thermal and Photodegradation of Vinyl Chloride/Vinyl Bromide Copolymers

315 ANGEWANDTE MAKROMOLEKULARE CHEMIE 143: pp. 165-182. (1986)

Link(s): [DOI](#), [WoS](#)

Journal Article/Article/Scientific

Independent citations: 3 Dependent (self-) citations: 1 All citations: 4

Iván B, Haszanova R, Turcsányi B, Kelen T, Tüdős F

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316 In: Preprints, "Forum on the Role of Hungarian Scientists and Engineers in the Development of Science and Engineering Disciplines" Conference. Place and date of conference: Budapest, Hungary, 04/08/1986-09/08/1986. Budapest: pp. 111-116. Conference paper/Conference paper/Scientific

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F Tüdős, B Iván, T Kelen, J P Kennedy

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317 In: N Grassie (ed.)

Developments in Polymer Degradation. London: Elsevier, 1985. pp. 147-189.

Chapter in Book/Study/Scientific

Independent citations: 6 All citations: 6

Haszanova R, Iván B, Kelen T, Tüdős F

A PVC degradációja oldatban óntartalmú stabilizátorok jelenlétében

318 STABINFORM 4: pp. 7-13. (1985)

Journal Article/Article/Scientific

Iván B, Turcsányi B, Kelen T, Tüdős F

A PVC stabilizáció vizsgálata oldatban fémszappan stabilizátorok jelenlétében

319 STABINFORM 4: pp. 1-6. (1985)

Journal Article/Article/Scientific

T Kelen, B Iván, F Tüdős

320 New Results in PVC Stabilization

In: Proceedings, Stabilization and Controlled Degradation of Polymers Conference.

Place and date of conference: Luzern, Switzerland, 22/05/1985-24/05/1985.pp. 162-178.

Conference paper/Conference paper/Scientific

1984

B Iván, B Turcsányi, T Kelen, F Tüdős

Ozonolysis of Virgin and Degraded, Stabilized and Unstabilized Poly(vinyl chloride)

321 In: Ozone Degradation of Polymers, Rubbers, Resins and Model Compounds. Place and date of conference: Szófia, Bulgaria, 14/05/1984-16/05/1984. Szófia: pp. 287-292.

Conference paper/Conference paper/Scientific

T T Nagy, B Turcsányi, B Iván, T Kelen, F Tüdős

Wirkung von PVC-Stabilisatoren unter dynamischen und statischen Bedingungen

322 PLASTE UND KAUTSCHUK 31: pp. 94-100. (1984)

Link(s): [WoS](#)

Journal Article/Article/Scientific

Independent citations: 1 Dependent (self-) citations: 2 All citations: 3

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Independent citations: 13 All citations: 13

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Independent citations: 24 Dependent (self-) citations: 4 All citations: 28

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Independent citations: 23 Dependent (self-) citations: 5 All citations: 28

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Independent citations: 32 Dependent (self-) citations: 1 All citations: 33

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Independent citations: 19 Dependent (self-) citations: 24 All citations: 43

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Independent citations: 9 Dependent (self-) citations: 5 All citations: 14

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Independent citations: 111 Dependent (self-) citations: 93 All citations: 204

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