

Title (en)
NOVEL HYDROGELS BASED ON ALIPHATIC NCO PREPOLYMERS

Title (de)
NEUARTIGE HYDROGELE AUF BASIS ALIPHATISCHER NCO-PREPOLYMERE

Title (fr)
NOUVEAUX HYDROGELS À BASE DE PRÉPOLYMÈRES NCO ALIPHATIQUES

Publication
EP 2086597 A1 20090812 (DE)

Application
EP 07818980 A 20071013

Priority

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Abstract (en)
[origin: DE102006050793A1] Preparation of polyurethane hydrogels (I) involves reacting (a) nonionic, hydrophilized, aliphatic and/or cycloaliphatic polyisocyanate prepolymers, containing less than 1 wt. % monomeric diisocyanates, (b) compounds containing at least one tert. amino group and at least three hydroxy groups, (c) water and (d) optionally antimicrobially active metal salts and/or metal particles. An independent claim is included for the polyurethane hydrogels (I) obtained by the process.

IPC 8 full level
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CPC (source: EP KR US)
A61L 15/22 (2013.01 - KR); **A61L 26/0019** (2013.01 - EP US); **A61L 26/008** (2013.01 - EP US); **A61P 17/02** (2017.12 - EP); **A61P 31/04** (2017.12 - EP); **C08G 18/10** (2013.01 - EP KR US); **C08G 18/4837** (2013.01 - EP US); **C08G 18/73** (2013.01 - EP KR US); **C08J 3/075** (2013.01 - KR); **C08G 2210/00** (2013.01 - EP US)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006050793 A1 20080430; AU 2007308443 A1 20080502; BR PI0718020 A2 20131112; CA 2667503 A1 20080502; CN 101528278 A 20090909; EP 2086597 A1 20090812; JP 2010507693 A 20100311; KR 20090082371 A 20090730; MX 2009004340 A 20090505; RU 2009119723 A 20101210; US 2008102126 A1 20080501; US 8133509 B2 20120313; WO 2008049527 A1 20080502

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