

Title (en)
CROSSLINKED POLYMER BASED ON A RANDOM COPOLYMER AND A VOLATILE POLYAMINATED CROSSLINKING AGENT AND PROCESSES FOR PRODUCING SAME

Title (de)
VERNETZTES POLYMER BASIEREND AUF EINEM RANDOM-COPOLYMER UND EINEM FLÜCHTIGEN POLYAMINIERTEN VERNETZUNGSMITTEL SOWIE VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
POLYMERES RÉTICULE À BASE D'UN COPOLYMÈRE ALÉATOIRE ET D'UN AGENT RÉTICULANT POLYAMINE VOLATIL, ET SES PROCÉDÉS DE FABRICATION

Publication
EP 3215565 A4 20180613 (FR)

Application
EP 15857881 A 20151103

Priority

- CA 2870076 A 20141103
- CA 2886173 A 20150324
- CA 2015051127 W 20151103

Abstract (en)
[origin: WO2016070270A1] Crosslinked polymers and use thereof in electrochemical systems, for example as electrolyte membranes, are described. More particularly, these crosslinked polymers are formed by crosslinking a random copolymer based on monomers of glycidyl acrylate or methacrylate and poly (ethylene glycol) methyl acrylate or methacrylate by means of a volatile polyaminated crosslinking agent.

IPC 8 full level
C08F 8/32 (2006.01); **C08F 220/28** (2006.01); **C08F 220/32** (2006.01); **C08F 290/06** (2006.01); **C08J 3/24** (2006.01); **C08K 5/17** (2006.01); **C08L 33/14** (2006.01); **C08L 55/00** (2006.01); **C08F 6/10** (2006.01); **C08F 6/12** (2006.01); **C08J 5/22** (2006.01); **H01M 10/052** (2010.01); **H01M 10/056** (2010.01)

CPC (source: EP KR US)
C07C 211/18 (2013.01 - KR US); **C08F 6/28** (2013.01 - EP KR US); **C08F 8/32** (2013.01 - EP KR US); **C08F 20/18** (2013.01 - KR US); **C08F 220/286** (2020.02 - EP KR US); **C08F 290/062** (2013.01 - EP KR US); **C08G 81/025** (2013.01 - KR US); **C08J 3/24** (2013.01 - EP KR US); **C08K 5/17** (2013.01 - KR); **C08L 55/005** (2013.01 - KR); **H01M 10/052** (2013.01 - KR); **H01M 10/0565** (2013.01 - EP KR US); **C08F 220/325** (2020.02 - EP KR US); **C08F 2500/01** (2013.01 - KR US); **C08F 2810/20** (2013.01 - EP KR US); **C08J 2333/14** (2013.01 - EP KR US); **H01M 10/052** (2013.01 - EP US); **H01M 2300/0085** (2013.01 - EP KR US); **Y02E 60/10** (2013.01 - EP KR)

C-Set (source: EP KR US)
EP
1. **C08F 6/28 + C08L 55/005**
2. **C08F 8/32 + C08F 220/286**
3. **C08F 290/062 + C08F 220/325**
4. **C08F 220/286 + C08F 220/325**
5. **C08F 290/062 + C08F 220/325 + C08F 220/286**
6. **C08F 290/062 + C08F 220/32**
KR
C08F 290/062 + C08F 220/325 + C08F 220/286
US
1. **C08F 8/32 + C08F 290/062**
2. **C08F 6/28 + C08L 55/005**
3. **C08F 220/286 + C08F 220/325**
4. **C08F 290/062 + C08F 220/325**
5. **C08F 8/32 + C08F 220/286**
6. **C08F 290/062 + C08F 220/325 + C08F 220/286**

Citation (search report)

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- [A] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 28 May 1994 (1994-05-28), KUBOTA, TADAHIKO ET AL: "Secondary lithium batteries containing polymer electrolytes", XP002780611, retrieved from STN Database accession no. 1994:275415 & JP H0629043 A 19940204 - FUJI PHOTO FILM CO LTD

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- See also references of WO 2016070270A1

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DOCDB simple family (application)

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