

Title (en)
RADICALLY HARDENING COMPOUNDS WITH REDUCED SOFTENER UPTAKE

Title (de)
RADIKALISCH HÄRTBARE ZUSAMMENSETZUNGEN MIT REDUZIERTER WEICHMACHERAUFNAHME

Title (fr)
COMPOSITIONS RADICALEMENT DURCISSABLES DOTÉES D'UNE RÉCEPTION DE PLASTIFIANTS RÉDUITE

Publication
EP 2340270 A2 20110706 (DE)

Application
EP 09784048 A 20091016

Priority

- EP 2009063578 W 20091016
- EP 08166914 A 20081017
- EP 09784048 A 20091016

Abstract (en)
[origin: EP2177553A1] Composition comprises: (a) at least one radically polymerizable monomer M; and (b) at least one polyurethane(meth)acrylate (PUMA), which is obtained by reacting a polyester polyol P with a diisocyanate and (meth)acrylic acid or (meth)acrylamide or a (meth)acrylate (I). Composition comprises: (a) at least one radically polymerizable monomer M; and (b) at least one polyurethane(meth)acrylate (PUMA), which is obtained by reacting a polyester polyol P with a diisocyanate and (meth)acrylic acid or (meth)acrylamide or a (meth)acrylate of formula (HO-A-(Y1-C(=O)-CH(=CH 2)-R 1>) n) (I). R 1>H or CH 3; A : (n+1) valent 1-6C hydrocarbon; Y1 : O or NR 2>; R 2>H or 1-6C monovalent hydrocarbon; and n : 1-3. An independent claim is also included for a hardened composition comprising the composition, obtained by the curing process.

IPC 8 full level
C08G 18/67 (2006.01); **C09J 175/14** (2006.01); **C09J 175/16** (2006.01)

CPC (source: EP)
C08G 18/672 (2013.01); **C09J 175/16** (2013.01); **C08K 5/0016** (2013.01)

C-Set (source: EP)

1. **C08G 18/672** + **C08G 18/48**
2. **C08G 18/672** + **C08G 18/42**

Citation (search report)
See references of WO 2010043707A2

Citation (third parties)
Third party :

- DE 2916537 A1 19791031 - LORD CORP
- WO 2007012412 A1 20070201 - FACHHOCHSCHULE GELSENKIRCHEN [DE], et al
- US 4430131 A 19840207 - TREMBLAY MEUDE [CA]
- US 4145515 A 19790320 - POGOZELSKI VINCENT F, et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

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