

Title (en)
CROSSLINKABLE SILOXANE-UREA COPOLYMERS

Title (de)
VERNETZBARE SILOXAN-HARNSTOFF-COPOLYMERE

Title (fr)
COPOLYMERES DE SILOXANE-UREE RETICULABLES

Publication
EP 1817364 A2 20070815 (DE)

Application
EP 05847655 A 20051124

Priority

- EP 2005012585 W 20051124
- DE 102004058193 A 20041202

Abstract (en)
[origin: WO2006058656A2] The invention relates to diisocyanates comprising radiation-curable groups and organopolysiloxane-polyurea block copolymers of general formula (II), which can be obtained therefrom and can be crosslinked using radiation. In said formula (II), (A) can be identical or different and represents a unit of formula (III), (B) can be identical or different and represents a unit of formula (IV), and (C) can be identical or different and represents a unit of formula (V), the radicals and indices having the meanings indicated in claim 1, provided that at least one radical L is supplied in the molecule while the individual blocks (A), (B), and (C) can be statistically distributed in the polymer.

IPC 8 full level
C08G 77/458 (2006.01); **C08G 18/61** (2006.01); **C08G 18/67** (2006.01)

CPC (source: EP KR US)
C07C 265/14 (2013.01 - EP US); **C08G 18/61** (2013.01 - EP KR US); **C08G 18/67** (2013.01 - KR); **C08G 18/792** (2013.01 - EP US); **C08G 18/8175** (2013.01 - EP US); **C08G 77/458** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2006058656A2

Designated contracting state (EPC)
BE DE FR GB NL

DOCDB simple family (publication)
DE 102004058193 A1 20060608; CN 101039988 A 20070919; EP 1817364 A2 20070815; KR 20070086131 A 20070827; US 2009143496 A1 20090604; WO 2006058656 A2 20060608; WO 2006058656 A3 20061228

DOCDB simple family (application)
DE 102004058193 A 20041202; CN 200580035403 A 20051124; EP 05847655 A 20051124; EP 2005012585 W 20051124; KR 20077013322 A 20070613; US 71926905 A 20051124