

Title (en)
POLYMERIC MATERIAL THAT FORMS SURFACE MICRODOMAINS

Title (de)
OBERFLÄCHENMIKRODOMÄNENBILDENDES POLYMER MATERIAL

Title (fr)
MATERIAU POLYMERE FORMANT DES MICRO-DOMAINES DE SURFACE

Publication
EP 1841809 A4 20080305 (EN)

Application
EP 06733601 A 20060104

Priority

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- US 64435505 P 20050114
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- US 74300505 P 20051202

Abstract (en)
[origin: WO2006086092A2] A polymeric material may be prepared by reacting a composition that includes polyol, polyisocyanate, and polyorganosiloxane having functional groups capable of reacting with the polyisocyanate, wherein the polymeric material has a surface which includes raised microdomains.

IPC 8 full level
C08G 77/24 (2006.01); **C08G 18/40** (2006.01); **C08G 18/42** (2006.01); **C08G 18/61** (2006.01); **C08G 18/73** (2006.01); **C08G 18/79** (2006.01); **C09D 175/06** (2006.01)

CPC (source: EP)
C08G 18/4009 (2013.01); **C08G 18/4277** (2013.01); **C08G 18/61** (2013.01); **C08G 18/792** (2013.01); **C08G 77/458** (2013.01); **C09D 175/06** (2013.01)

Citation (search report)

- [X] WO 2004044012 A1 20040527 - POLYMER TECHNOLOGY GROUP INC [US], et al
- [X] US 5750630 A 19980512 - SENGUPTA ASHOK [CA]
- [X] EP 1403300 A1 20040331 - BAYER CHEMICALS AG [DE]
- See references of WO 2006086092A2

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US8604152B2

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 NL PL PT RO SE SI SK TR

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WO 2006086092 A2 20060817; **WO 2006086092 A3 20070301**; EP 1841809 A2 20071010; EP 1841809 A4 20080305; JP 2008527145 A 20080724

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