

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

- US 2006000166 W 20060104
- US 64435505 P 20050114
- US 69131705 P 20050616
- 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

Cited by  
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

DOCDB simple family (publication)  
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**US 2006000166 W 20060104**; EP 06733601 A 20060104; JP 2007551289 A 20060104