

Title (en)  
POLYURETHANE-POLYUREA COATINGS

Title (de)  
POLYURETHAN-POLYHARNSTOFF-BESCHICHTUNGEN

Title (fr)  
REVÊTEMENTS EN POLYURÉTHANNE-POLYURÉE

Publication  
**EP 1979391 A2 20081015 (DE)**

Application  
**EP 07700217 A 20070111**

Priority  
• EP 2007000190 W 20070111  
• DE 102006002154 A 20060117

Abstract (en)  
[origin: US2007166552A1] The present invention provides coating agents made up of the reaction product of a) a polycarbonatediol component comprising a1) a polytetramethylene glycol-based polycarbonatediol with a molecular weight of between 400 and 8000, and a2) optionally other polyols with a molecular weight of from 200 to 8000, b) 0.5-2.0 mol per mol of a) of a chain extender selected from the group consisting of a low-molecular weight aliphatic or cycloaliphatic diol, a low-molecular weight aliphatic or cycloaliphatic diamine, and hydrazine, and c) 1.5-3.0 mol per mol of a) of an aliphatic, cycloaliphatic or aromatic diisocyanate, dissolved in d) 40-90 percent by weight (based on the total formulation) of an organic solvent selected from the group consisting of linear or cyclic esters, ketones, alcohols, aromatic compounds and mixtures thereof.

IPC 8 full level  
**C08G 18/44** (2006.01); **C08G 18/66** (2006.01); **C09D 175/00** (2006.01); **C09D 175/02** (2006.01); **C09D 175/04** (2006.01)

CPC (source: EP US)  
**C08G 18/10** (2013.01 - EP US); **C08G 18/4252** (2013.01 - EP US); **C08G 18/44** (2013.01 - EP US); **C09D 175/04** (2013.01 - EP US); **D06M 15/564** (2013.01 - EP US); **D06N 3/14** (2013.01 - EP US); **D06N 3/146** (2013.01 - EP US); **Y10T 428/31551** (2015.04 - EP US)

Citation (search report)  
See references of WO 2007082665A2

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)  
**DE 102006002154 A1 20070719**; EP 1979391 A2 20081015; TW 200738833 A 20071016; US 2007166552 A1 20070719;  
WO 2007082665 A2 20070726; WO 2007082665 A3 20080214

DOCDB simple family (application)  
**DE 102006002154 A 20060117**; EP 07700217 A 20070111; EP 2007000190 W 20070111; TW 96101520 A 20070116; US 65163707 A 20070110