

Title (en)

POLYUREA COMPOSITION

Title (de)

POLYUREAZUSAMMENSETZUNG

Title (fr)

COMPOSITION À BASE DE POLYURÉE

Publication

**EP 3207072 A1 20170823 (DE)**

Application

**EP 15778978 A 20151013**

Priority

- EP 14188626 A 20141013
- EP 2015073726 W 20151013

Abstract (en)

[origin: WO2016059083A1] The invention relates to compositions comprising at least one first and one second component; - the first component K1 comprising at least one di(aminobenzoate) ester A1 of formula (I) with an average molecular weight of 500 g/mol to 2000 g/mol, preferably 600 g/mol to 1500 g/mol and particularly preferred between 650 g/mol and 1300 g/mol, G being a divalent group derived from poly(tetramethylene oxide) diol, and - the second component K2 comprising at least one aromatic polyisocyanate B1 with an average molecular weight of 160 g/mol to 1100 g/mol, preferably 500 g/mol to 800 g/mol.

IPC 8 full level

**C08G 18/48** (2006.01); **C08G 18/12** (2006.01); **C08G 18/32** (2006.01); **C08G 18/50** (2006.01); **C08G 18/66** (2006.01); **C08G 18/76** (2006.01);  
**C08G 18/79** (2006.01); **C09J 175/02** (2006.01); **E21C 47/00** (2006.01)

CPC (source: CN EP US)

**B29C 73/02** (2013.01 - US); **C08G 18/10** (2013.01 - US); **C08G 18/12** (2013.01 - CN EP US); **C08G 18/324** (2013.01 - CN EP US);  
**C08G 18/482** (2013.01 - CN EP US); **C08G 18/4854** (2013.01 - CN EP US); **C08G 18/5024** (2013.01 - CN EP US); **C08G 18/5027** (2013.01 - US);  
**C08G 18/681** (2013.01 - CN EP US); **C08G 18/73** (2013.01 - US); **C08G 18/7664** (2013.01 - CN EP US); **C08G 18/797** (2013.01 - CN EP US);  
**C09D 175/02** (2013.01 - CN); **C09J 5/00** (2013.01 - US); **C09J 175/02** (2013.01 - CN EP US); **B29K 2075/02** (2013.01 - US);  
**C09J 2400/226** (2013.01 - US)

Citation (search report)

See references of WO 2016059083A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2016059083 A1 20160421**; AU 2015332733 A1 20170504; AU 2015332733 B2 20191121; CA 2964038 A1 20160421;  
CL 2017000926 A1 20180112; CN 107001577 A 20170801; EP 3207072 A1 20170823; US 10189938 B2 20190129;  
US 2017240686 A1 20170824

DOCDB simple family (application)

**EP 2015073726 W 20151013**; AU 2015332733 A 20151013; CA 2964038 A 20151013; CL 2017000926 A 20170413;  
CN 201580062866 A 20151013; EP 15778978 A 20151013; US 201515518057 A 20151013