

Title (en)

TWO-COMPONENT ADHESIVE FOR ADHESIVELY BONDING MOLDED PULP PARTS

Title (de)

2K-PU-KLEBSTOFF ZUM VERKLEBEN VON FASERFORMTEILEN

Title (fr)

ADHÉSIF BICOMPOSANTS À BASE DE POLYURÉTHANE POUR LE COLLAGE DE PIÈCES FAÇONNÉES RENFORCÉES DE FIBRES

Publication

**EP 2920221 A1 20150923 (DE)**

Application

**EP 13789589 A 20131114**

Priority

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- EP 2013073874 W 20131114

Abstract (en)

[origin: WO2014076206A1] The invention relates to a two-component polyurethane adhesive, comprising a polyol component containing a) 2 to 30 wt% of at least one oleochemical polyol having a molecular weight greater than or equal to 500 g/mol, b) 5 to 35 wt% of at least one 3 to 14 functional polyol, c) 5 to 35 wt% of at least one polyol based on ethoxylated or propoxylated polyphenols, d) 0 to 20 wt% of at least one additional polyol, e) 2 to 65 wt% of at least one additional additive, wherein the sum of a) to e) should be 100 wt%, and an isocyanate component containing at least one aromatic polyisocyanate and at least one aliphatic polyisocyanate in an NCO/OH ratio of 0.9:1 to 1.5:1, wherein the cross-linked adhesive has a T<sub>g</sub> greater than or equal to 65°C. The invention further relates to the use of such adhesives.

IPC 8 full level

**C08G 18/48** (2006.01); **C08G 18/36** (2006.01); **C08G 18/40** (2006.01); **C08G 18/66** (2006.01); **C09J 175/04** (2006.01)

CPC (source: EP US)

**B29B 7/726** (2013.01 - EP); **C08G 18/36** (2013.01 - EP US); **C08G 18/4018** (2013.01 - EP US); **C08G 18/4812** (2013.01 - EP US); **C08G 18/4829** (2013.01 - EP US); **C08G 18/4879** (2013.01 - EP US); **C08G 18/6696** (2013.01 - EP US); **C09J 175/04** (2013.01 - EP US); **C09J 175/08** (2013.01 - US)

Citation (search report)

See references of WO 2014076206A1

Cited by

DE102016221843A1; WO2018086804A1

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DOCDB simple family (application)

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