

Title (en)

DEVICE FOR APPLYING FOAMING REACTION MIXTURES

Title (de)

VORRICHTUNG ZUM AUFTRAGEN VON AUFSCHÄUMENDEN REAKTIONSGEMISCHEN

Title (fr)

DISPOSITIF SERVANT À L'APPLICATION DE MÉLANGES RÉACTIONNELS MOUSSANTS

Publication

EP 2741898 A1 20140618 (DE)

Application

EP 12743468 A 20120807

Priority

- DE 102011080906 A 20110812
- EP 2012065472 W 20120807

Abstract (en)

[origin: WO2013023965A1] The invention relates to a device, at least comprising a mixing head and a discharge line, for applying foaming reaction mixtures onto a substrate. At least the discharge line parts that come into contact with the foaming reaction mixture are made of a polyether polyol-based thermoplastic polyurethane (TPU) with a release agent content between 0.30% by mass and 2.0% by mass, preferably between 0.35% by mass and 1.5% by mass, particularly preferably between 0.40% by mass and 1.0% by mass, based on the total mass of the TPU according to the invention. The invention also relates to the use of said device in the production of composite elements.

IPC 8 full level

B29C 44/46 (2006.01); **B32B 15/04** (2006.01); **C08G 18/40** (2006.01); **C08G 18/66** (2006.01)

CPC (source: EP)

B29C 44/461 (2013.01); **B32B 5/18** (2013.01); **C08G 18/1808** (2013.01); **C08G 18/1816** (2013.01); **C08G 18/1833** (2013.01); **C08G 18/225** (2013.01); **C08G 18/3278** (2013.01); **C08G 18/4018** (2013.01); **C08G 18/4261** (2013.01); **C08G 18/4829** (2013.01); **C08G 18/4891** (2013.01); **C08G 18/5006** (2013.01); **C08G 18/6688** (2013.01); **C08J 9/122** (2013.01); **C08J 9/127** (2013.01); **C08J 9/141** (2013.01); **B32B 2266/0278** (2013.01); **C08G 2110/0025** (2021.01); **C08J 2203/06** (2013.01); **C08J 2203/14** (2013.01); **C08J 2203/182** (2013.01); **C08J 2205/10** (2013.01); **C08J 2375/04** (2013.01)

Citation (search report)

See references of WO 2013023965A1

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

DOCDB simple family (publication)

DE 102011080906 A1 20130214; CN 103717370 A 20140409; EP 2741898 A1 20140618; RU 2014109076 A 20150920; WO 2013023965 A1 20130221

DOCDB simple family (application)

DE 102011080906 A 20110812; CN 201280039394 A 20120807; EP 12743468 A 20120807; EP 2012065472 W 20120807; RU 2014109076 A 20120807