

Title (en)

METHOD FOR PRODUCING FLAT, HYDROPHILIC, ALIPHATIC POLYURETHANE FOAMS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FLÄCHIGEN, HYDROPHILEN, ALIPHATISCHEN POLYURETHAN-SCHÄUMEN

Title (fr)

PROCÉDÉ DE FABRICATION DE MOUSSES DE POLYURÉTHANE ALIPHATIQUES, HYDROPHILES, PLANES

Publication

**EP 2585506 A1 20130501 (DE)**

Application

**EP 11726770 A 20110620**

Priority

- EP 10166832 A 20100622
- EP 2011060181 W 20110620
- EP 11726770 A 20110620

Abstract (en)

[origin: WO2011161033A1] The invention relates to a method for producing flat, hydrophilic, aliphatic polyurethane foams. The invention also relates to a flat, hydrophilic, aliphatic polyurethane foam obtained according to said method and to the use thereof as a wound dressing, incontinence product or cosmetic article. According to the invention, a prepolymer-component and a carbonic acid or carboxylate component containing water is produced, said components are combined and mixed, and the obtained mixture is applied to a flat substrate as a layer which has an even thickness. Directly after application, a perforated separation element is applied in a flat manner to the layer. Said applied layer then expands with the applied perforated separation element to form the flat polyurethane foam.

IPC 8 full level

**C08G 18/10** (2006.01); **A61L 15/26** (2006.01); **A61L 15/42** (2006.01); **C08G 18/48** (2006.01); **C08G 18/73** (2006.01); **C08G 18/75** (2006.01)

CPC (source: EP US)

**A61L 15/26** (2013.01 - EP US); **A61L 15/425** (2013.01 - EP US); **B32B 37/15** (2013.01 - US); **C08G 18/10** (2013.01 - EP US); **C08G 18/4833** (2013.01 - EP US); **C08G 18/4837** (2013.01 - EP US); **C08G 18/485** (2013.01 - EP US); **C08G 18/73** (2013.01 - EP US); **C08G 18/75** (2013.01 - EP US); **C08G 18/755** (2013.01 - EP US); **C08J 9/00** (2013.01 - US); **C08G 2110/0008** (2021.01 - EP US); **C08G 2110/0083** (2021.01 - EP US); **Y10T 156/10** (2015.01 - EP US)

C-Set (source: EP US)

1. **C08G 18/10 + C08G 18/34**
2. **C08G 18/10 + C08G 18/341**
3. **A61L 15/26 + C08L 75/04**

Citation (search report)

See references of WO 2011161033A1

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)

**WO 2011161033 A1 20111229**; CN 103080172 A 20130501; EP 2585506 A1 20130501; JP 2013532216 A 20130815; US 2013131206 A1 20130523

DOCDB simple family (application)

**EP 2011060181 W 20110620**; CN 201180040547 A 20110620; EP 11726770 A 20110620; JP 2013515828 A 20110620; US 201113806363 A 20110620