

Title (en)

Method and device for manufacturing an upholstery product part and upholstery product

Title (de)

Verfahren und Vorrichtung zum Herstellen eines Polsterungserzeugnisses sowie Polsterungserzeugnis

Title (fr)

Procédé et dispositif de fabrication d'un produit de rembourrage et produit de rembourrage

Publication

**EP 2743071 A3 20150624 (DE)**

Application

**EP 13192361 A 20131111**

Priority

DE 102012222805 A 20121211

Abstract (en)

[origin: DE102012222805B3] The method involves providing a flat, elongated, two- or multilayer paper strip (10), where the individual layers (12,14) of the paper strip are partially connected with each other in a central region (18) extending in a longitudinal direction. The individual layers of the paper strip have edge areas (20,21,22,23) that are not connected with each other. The adjacent edge areas are impinged to a star-like paper strip in cross section. The paper strip is crumpled along the central region. An independent claim is included for a device for manufacturing a cushioning product.

IPC 8 full level

**B31D 5/00** (2006.01); **B65D 81/02** (2006.01); **B65D 81/127** (2006.01)

CPC (source: EP US)

**B31D 5/0052** (2013.01 - EP US); **B65D 81/127** (2013.01 - EP US); **B31D 2205/0023** (2013.01 - EP US); **B31D 2205/0047** (2013.01 - EP US); **B31D 2205/0058** (2013.01 - EP US); **B31D 2205/0064** (2013.01 - EP US); **B31D 2205/0082** (2013.01 - EP US); **B65D 2581/053** (2013.01 - EP US); **Y10T 428/24463** (2015.01 - EP US)

Citation (search report)

[A] US 2009082187 A1 20090326 - CHEICH ROBERT C [US], et al

Cited by

US11479376B2; DE202020000917U1; US11123943B2

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)

**DE 102012222805 B3 20130606**; BR 102013031604 A2 20140902; BR 102013031604 B1 20210309; CN 103862723 A 20140618; CN 103862723 B 20170412; DK 2743071 T3 20170123; EP 2743071 A2 20140618; EP 2743071 A3 20150624; EP 2743071 B1 20161012; ES 2609756 T3 20170424; PL 2743071 T3 20170531; US 10766220 B2 20200908; US 10766221 B2 20200908; US 2014162024 A1 20140612; US 2017274614 A1 20170928; US 2017274615 A1 20170928; US 9688044 B2 20170627

DOCDB simple family (application)

**DE 102012222805 A 20121211**; BR 102013031604 A 20131209; CN 201310660937 A 20131209; DK 13192361 T 20131111; EP 13192361 A 20131111; ES 13192361 T 20131111; PL 13192361 T 20131111; US 201314100972 A 20131209; US 201715618983 A 20170609; US 201715619090 A 20170609