

Title (en)

A device and a process of producing a shaped non-woven matting

Title (de)

Verfahren und Vorrichtung zur Herstellung einer geformten Vliesstoffmatte

Title (fr)

Installation et processus pour produire un tapis non-tissé mis en forme

Publication

**EP 1911868 A1 20080416 (EN)**

Application

**EP 06425700 A 20061011**

Priority

EP 06425700 A 20061011

Abstract (en)

In a forming cylinder for the production of mats of thermoplastic non-woven filaments, shaped with reliefs, the elements protruding radially of the forming cylinder (1) are provided with steps or indentations (5) above at least part of their walls (9A, 9B) to hold the filaments (4) and to delay their descent along the walls to improve the uniformity of the filaments distribution in the mat.

IPC 8 full level

**D04H 3/16** (2006.01)

CPC (source: EP)

**D04H 3/14** (2013.01); **D04H 3/16** (2013.01)

Citation (search report)

- [X] US 2003201579 A1 20031030 - GORDON GREGORY CHARLES [US], et al
- [X] EP 1241288 A2 20020918 - TOYODA BOSHOKU KK [JP]
- [X] JP H0838834 A 19960213 - NIPPON DENSO CO
- [X] US 4252590 A 19810224 - RASEN ALFRED, et al

Cited by

ITMI20090657A1; ITTV20090053A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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