Title (en)
EQUIPMENT AND METHOD FOR PRODUCING A FIBRE OR FILAMENT-BASED MAT

Title (de)
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER MATTE AUS FASER- ODER FILAMENTBASIS

Title (fr)
INSTALLATION ET PROCEDE DE PRODUCTION D'UNE NAPPE A BASE DE FIBRES OU DE FILAMENTS

Publication
EP 2113041 B1 20110323 (FR)

Application
EP 08761782 A 20080118

Priority
• FR 2008000064 W 20080118
• FR 0700363 A 20070119

Abstract (en)
[origin: FR2911616A1] In a plant for producing a fiber- and/or filament-based sheet, comprising a first fluid-permeable moving element (1) displaced in one direction, a second moving element (2) and fluid jet projecting device (3), the first element moves (in the direction of the projected jets) between the jet projector and the second element at the point of projection of the jets onto the first element. Independent claims are included for: (1) a corresponding sheet production method, involving producing an assembly of fibers and/or filaments which can be defibrillated by a liquid jet on a fluid-permeable moving element, where the assembly is defibrillated by a fluid jet in such a way that fibers and/or filaments are projected onto a second moving element, on which they form a sheet; and (2) a non-woven having long fibers or filaments and short fibers (the length ratio of the long and short fibers being more than 10), where both the long and short fibers are present at all locations on the non-woven.

IPC 8 full level
D04H 1/74 (2006.01); **D04H 1/425** (2012.01); **D04H 1/498** (2012.01); **D04H 3/11** (2012.01); **D04H 5/02** (2012.01); **D04H 5/03** (2012.01); **D04H 13/00** (2006.01)

CPC (source: EP)
D01G 25/00 (2013.01); **D04H 1/425** (2013.01); **D04H 1/498** (2013.01); **D04H 3/11** (2013.01); **D04H 5/02** (2013.01); **D04H 5/03** (2013.01); **D04H 13/00** (2013.01); **D04H 18/04** (2013.01)

Cited by
DE102013107237A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2911616 A1 20080725; **FR 2911616 B1 20090703**; AT E503050 T1 20110415; CN 101589186 A 20091125; DE 602008005713 D1 20110505; EP 2113041 A2 20091104; EP 2113041 B1 20110323; WO 2008107549 A2 20080912; WO 2008107549 A3 20081231

DOCDB simple family (application)
FR 0700363 A 20070119; AT 08761782 T 20080118; CN 200880002636 A 20080118; DE 602008005713 T 20080118; EP 08761782 A 20080118; FR 2008000064 W 20080118