

Title (en)
NON-WOVEN WEB-LAYING DEVICE AND METHOD FOR GUIDING A NAP

Title (de)
VLIESLEGER UND VERFAHREN ZUM FÜHREN EINES FLORS

Title (fr)
DISTRIBUTEUR DE VOILE ET PROCEDE DE GUIDAGE D'UN POIL

Publication
EP 1828453 B1 20080625 (DE)

Application
EP 05819607 A 20051217

Priority
• EP 2005013616 W 20051217
• DE 202004020165 U 20041223

Abstract (en)
[origin: WO2006069651A1] A non-woven web laying device comprising several carriages (2,3) which can move in relation to each other and several laying belts (5,6) between which the nap (7) is taken up in an offset guiding area (27) and is guided at least partially on two sides or covered. The web-laying device (1) on the input side for the taking up of the nap comprises an area with a belt inlet (4) for the laying belts (5,6) with an obliquely downwardly inclined inlet path (9) and also comprises another area (41) between the main carriages (2,3). The laying belts (5,6) in the band inlet (4) run close to another with two belt sections (10,11) which are guided by means of deflection rollers (14,15,16,17,18), between which the nap (7) is guided on two sides or covered. The nap (7) in the guiding area (27) is essentially only guided on two sides in straight sections of the laying belts (5,6).

IPC 8 full level
D01G 25/00 (2006.01); **D04H 1/74** (2006.01)

CPC (source: EP)
D01G 25/00 (2013.01)

Cited by
DE202012102597U1; DE202013105029U1; DE202013104946U1; CN104583477A; EP3447175A1; WO2014009520A1; US9909236B2; WO2015067704A1; US10309040B2; WO2015067627A2; US10337126B2; EP2872682B1

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

DOCDB simple family (publication)
WO 2006069651 A1 20060706; AT E399221 T1 20080715; DE 202004020165 U1 20060504; DE 502005004545 D1 20080807; EP 1828453 A1 20070905; EP 1828453 B1 20080625; ES 2308585 T3 20081201

DOCDB simple family (application)
EP 2005013616 W 20051217; AT 05819607 T 20051217; DE 202004020165 U 20041223; DE 502005004545 T 20051217; EP 05819607 A 20051217; ES 05819607 T 20051217