

Title (en)
NONWOVEN GUIDING DEVICE FOR A TEXTILE MACHINE, AND ASSOCIATED TEXTILE MACHINE

Title (de)
VLIESFÜHRUNGSVORRICHTUNG FÜR EINE TEXTILMASCHINE SOWIE TEXTILMASCHINE

Title (fr)
DISPOSITIF DE GUIDAGE DE NON-TISSE POUR MACHINE TEXTILE ET MACHINE TEXTILE

Publication
EP 1654407 A1 20060510 (DE)

Application
EP 04741626 A 20040521

Priority
• EP 2004050885 W 20040521
• DE 10323757 A 20030522

Abstract (en)
[origin: WO2004104278A1] The invention relates to a nonwoven guiding device for a textile machine comprising a drawing frame (1), said device being used to compress a nonwoven fabric (V) leaving the drawing frame (1) in a deployed form. The inventive device comprises an input section (22; 122; 222; 322; 422) and a downstream output section (24; 124; 224; 324; 424) which has a narrow cross-section compared to that of the input section (22; 122; 222; 322; 422). The inventive nonwoven guiding device is characterised by at least one guiding surface (23, 33; 123, 133; 223, 233; 323, 333; 423) located between the input section (22; 122-, 222; 322; 422) and the output section (24; 124; 224; 324; 424), said guiding surface being embodied in such a way that the inner fibres - in the transversal direction of the nonwoven - are guided towards the output section (24; 124; 224; 324; 424) in a less direct manner than the outer fibres. The invention also relates to a textile machine comprising a drawing frame, said machine being characterised by a corresponding nonwoven guiding device.

IPC 1-7
D01H 5/72

IPC 8 full level
D01H 5/72 (2006.01); **D01H 13/04** (2006.01)

CPC (source: EP)
D01H 5/72 (2013.01); **D01H 13/04** (2013.01)

Citation (search report)
See references of WO 2004104278A1

Designated contracting state (EPC)
CH DE IT LI TR

DOCDB simple family (publication)
WO 2004104278 A1 20041202; WO 2004104278 A9 20050512; CN 100523331 C 20090805; CN 1791709 A 20060621;
DE 10323757 A1 20041209; DE 112004000623 D2 20060427; DE 502004011076 D1 20100602; EP 1654407 A1 20060510;
EP 1654407 B1 20100421

DOCDB simple family (application)
EP 2004050885 W 20040521; CN 200480013745 A 20040521; DE 10323757 A 20030522; DE 112004000623 T 20040521;
DE 502004011076 T 20040521; EP 04741626 A 20040521