

Title (en)

BRUSH CONVEYOR AND NEEDLE LOOM PROVIDED THEREWITH

Title (de)

FÖRDERGERÄT MIT BÜRSTEN UND DAMIT AUSGERÜSTETE NADELMASCHINE

Title (fr)

COMVOYEUR A BROSSES ET AIGUILLETEUSE EQUIPEE DE CE CONVOYEUR

Publication

EP 0802999 B1 19990811 (FR)

Application

EP 96901382 A 19960112

Priority

- FR 9600051 W 19960112
- FR 9500292 A 19950112

Abstract (en)

[origin: WO9621762A1] A brush conveyor (1), in particular for a velvet needle loom, including a set of adjacent brushes (121-181) arranged in transverse rows, means (15, 16, 4, 5, 6) for driving the set of brushes to form, on the upper surface of the conveyor, a conveying plane (P) in a predetermined forward direction (D). Each of the brushes (121-181) includes a body (120, 130) comprising holes in the upper brush surface for receiving tufts of bristles, and means (14) on the lower brush surface for connecting the brush to the drive means (15, 16, 4, 5, 6). The conveyor (1) includes means (S, 7-10) for directly supporting the lower surfaces of the bodies (120, 130) of the brushes (121-181) forming the conveying plane (P). The conveyor may be used in needle looms for making nonwoven articles.

IPC 1-7

D04H 18/00

IPC 8 full level

B65G 15/42 (2006.01); **D04H 18/02** (2012.01)

CPC (source: EP KR US)

D04H 18/02 (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE DE ES GB IT

DOCDB simple family (publication)

WO 9621762 A1 19960718; AT E183258 T1 19990815; CA 2212936 A1 19960718; CN 1077170 C 20020102; CN 1177387 A 19980325; DE 69603704 D1 19990916; DE 69603704 T2 20000406; EP 0802999 A1 19971029; EP 0802999 B1 19990811; ES 2136385 T3 19991116; FR 2729403 A1 19960719; FR 2729403 B1 19970509; JP H10511920 A 19981117; KR 19980701372 A 19980515; TW 294642 B 19970101; US 5819383 A 19981013

DOCDB simple family (application)

FR 9600051 W 19960112; AT 96901382 T 19960112; CA 2212936 A 19960112; CN 96192314 A 19960112; DE 69603704 T 19960112; EP 96901382 A 19960112; ES 96901382 T 19960112; FR 9500292 A 19950112; JP 52148696 A 19960112; KR 19970704761 A 19970711; TW 85100455 A 19960116; US 86082297 A 19970710