

Title (en)

NARROW FABRIC NEEDLE LOOM FOR PRODUCING A STRIP-SHAPED TISSUE, AND CORRESPONDING STRIP-SHAPED TISSUE

Title (de)

NADELBANDWEBMASCHINE ZUR HERSTELLUNG EINES BANDGEWEBES SOWIE BANDGEWEBE

Title (fr)

MACHINE A TISSER LES RUBANS A AIGUILLES POUR LA FABRICATION DE RUBANS ET RUBANS CORRESPONDANTS

Publication

**EP 1272698 A1 20030108 (DE)**

Application

**EP 01916838 A 20010410**

Priority

- CH 0100227 W 20010410
- CH 7222000 A 20000411

Abstract (en)

[origin: US7066214B2] The invention relates to a narrow fabric needle loom, comprising a shedding device forming a shed, and a weft insertion needle ( 12 ) for at least one weft loop ( 14 ). A knitting needle ( 26 ) is provided on the discharge end ( 20 ) of the shed facing away from the feed end ( 18 ) of the weft insertion needle ( 12 ) and secures the weft loops ( 14 ) by meshing ( 22 ). A second knitting needle ( 36 ) that meshes ( 30 ) the loops is provided on the feed end ( 18 ) of the weft insertion needle ( 12 ). The knitting needles for the feed end ( 18 ) and the discharge end ( 20 ) are mounted so that they can be swiveled about the same rotational axis ( 47 ).

IPC 1-7

**D03D 35/00**; **D03D 47/02**; **D03D 47/42**

IPC 8 full level

**D03D 1/00** (2006.01); **D03D 5/00** (2006.01); **D03D 35/00** (2006.01); **D03D 47/02** (2006.01); **D03D 47/42** (2006.01); **D03D 47/46** (2006.01)

CPC (source: EP KR US)

**D03D 35/00** (2013.01 - EP KR US); **D03D 47/02** (2013.01 - EP US); **D03D 47/42** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0177424 A1 20011018**; AT E306576 T1 20051015; AU 4402401 A 20011023; CN 1287024 C 20061129; CN 1422342 A 20030604; EP 1272698 A1 20030108; EP 1272698 B1 20051012; ES 2248299 T3 20060316; JP 2003530492 A 20031014; JP 5004394 B2 20120822; KR 100706572 B1 20070413; KR 20020090217 A 20021130; RU 2002129559 A 20040320; RU 2239009 C2 20041027; TW 512190 B 20021201; US 2004040610 A1 20040304; US 7066214 B2 20060627

DOCDB simple family (application)

**CH 0100227 W 20010410**; AT 01916838 T 20010410; AU 4402401 A 20010410; CN 01807949 A 20010410; EP 01916838 A 20010410; ES 01916838 T 20010410; JP 2001575269 A 20010410; KR 20027011890 A 20020910; RU 2002129559 A 20010410; TW 90105459 A 20010308; US 23994703 A 20030709