

Title (en)
DOUBLE STRIKING NEEDLE LOOM

Title (de)
NADELMASCHINE MIT ZWEI NADEL BETTEN

Title (fr)
AIGUILLETEUSE DOUBLE FRAPPE

Publication
EP 0786027 B1 19980923 (FR)

Application
EP 95934186 A 19951009

Priority
• FR 9501311 W 19951009
• FR 9412064 A 19941010

Abstract (en)
[origin: WO9611294A1] A path is defined for a lap (7) between a table (8) and a stripper (9). Introduction (17) and extraction (18) means feed the lap (7) in a plane (P) and in a direction (D). Two lower (19) and upper (21) needle boards are reciprocatingly driven so that the needles (22, 23) penetrate repeatedly into the lap (7) through openings (24, 26) provided in the table and in the stripper. In order to drive reciprocatingly the needle boards (19, 21), common crank means (41, 42) are provided on the same side of the lap (7) and transmit the reciprocating motion to the board (21) situated on the other side of the lap through a mechanical linkage (33) passing on either side of the edges of the lap. Utilisation for simplifying the fabrication and reducing the cost of needle looms particularly in small and medium width.

IPC 1-7
D04H 18/00

IPC 8 full level
D04H 18/02 (2012.01)

CPC (source: EP)
D04H 18/02 (2013.01)

Cited by
AT407651B; US6481071B1; US7845055B1

Designated contracting state (EPC)
AT DE FR IT

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WO 9611294 A1 19960418; AT E171485 T1 19981015; AU 3657395 A 19960502; DE 69505005 D1 19981029; DE 69505005 T2 19990401; EP 0786027 A1 19970730; EP 0786027 B1 19980923; FR 2725458 A1 19960412; FR 2725458 B1 19970214

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