

Title (en)
High-speed shuttleless loom.

Title (de)
Schnelldrehende schützenlose Webmaschine.

Title (fr)
Machine à tisser sans navette à grande vitesse.

Publication
EP 0084471 A1 19830727 (FR)

Application
EP 83400026 A 19830105

Priority
FR 8200839 A 19820120

Abstract (en)
1. Shuttleless weaving-machine, with a weft-carrying device, in which the warp threads (2) unwinding from the beam (4) pass over a rear thread support (6), then through the eyes (8, 8') of the heddles supported by several frames C1 , C2 , etc., then through the teeth of the reed (10) before finally reaching the line (14) where the fabric is formed (16), the said machine being characterised : in that the first frame C1 nearest the reed is placed at a distance a from the line (14) and at a distance b from the rear thread support (6) such that the distance a is not greater than 75 mm, and the ratio b/a is between 12 and 15 ; and in that the thickness of the frames C1 , C2 , etc. is not greater than 7 mm.

Abstract (fr)
Machine à tisser sans navette, à dispositif passe-trame, notamment à aiguilles rigides. La distance a entre le premier cadre à lisses C1, et la distance b entre ce premier cadre C1 et le porte-fil arrière 6, sont telles que la distance a est égale ou inférieure à 75 mm, et que le rapport b/a est compris entre 12 et 15, l'épaisseur des cadres C1, C2 étant égale ou inférieure à 7 mm. L'invention permet de faire fonctionner la machine à une cadence beaucoup plus élevée que les machines classiques.

IPC 1-7
D03D 47/00; **D03D 41/00**

IPC 8 full level
D03D 41/00 (2006.01); **D03D 47/00** (2006.01); **D03D 49/00** (2006.01); **D03D 49/12** (2006.01)

CPC (source: EP)
D03D 41/00 (2013.01); **D03D 47/00** (2013.01)

Citation (search report)
• [AD] FR 2477586 A1 19810911 - ALSACIENNE CONSTR MECA [FR]
• [AD] FR 2477587 A1 19810911 - MOESSINGER ALBERT [CH]

Designated contracting state (EPC)
BE CH DE IT LI

DOCDB simple family (publication)
EP 0084471 A1 19830727; **EP 0084471 B1 19850417**; BR 8300250 A 19831025; DE 3360114 D1 19850523; FR 2520013 A1 19830722; FR 2520013 B1 19840323; JP S58126347 A 19830727; JP S6125818 B2 19860617; PL 240226 A1 19830829

DOCDB simple family (application)
EP 83400026 A 19830105; BR 8300250 A 19830119; DE 3360114 T 19830105; FR 8200839 A 19820120; JP 801983 A 19830120; PL 24022683 A 19830119