

Title (en)
RIBBON LOOM

Title (de)
BANDWEBMASCHINE

Title (fr)
METIER A TISSER POUR RUBAN

Publication
EP 0799339 A1 19971008 (DE)

Application
EP 95940108 A 19951219

Priority
• CH 9500301 W 19951219
• DE 9420562 U 19941222

Abstract (en)
[origin: WO9619604A1] The ribbon loom comprises a weft insertion needle (12) to insert a loop of weft thread (4) into a shed (8). The weft thread loop is tied off by a knitting needle (18) on the side of the web (16) away from the insertion needle (12). The insertion needle (12) is served by a feed device (22) for the weft thread (20) containing a pneumatically operated compensator (32) in the form of a blower (36) and/or a suction device (38). The insertion needle (12) also has a separate guide eye (34) for the weft thread. This thus provides a particularly effective compensator ensuring precise control of the weft thread when the ribbon loom is running at high speed. The web edges are always tensioned to the set width and maintained at a constant width.

IPC 1-7
D03D 35/00; **D03D 47/34**

IPC 8 full level
D03D 35/00 (2006.01); **D03D 47/02** (2006.01); **D03D 47/34** (2006.01)

CPC (source: EP US)
B65H 51/205 (2013.01 - EP US); **D03D 35/00** (2013.01 - EP US); **D03D 47/34** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)
See references of WO 9619604A1

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DE 9420562 U1 19950216; AU 4170296 A 19960710; DE 59505677 D1 19990520; EP 0799339 A1 19971008; EP 0799339 B1 19990414; ES 2130682 T3 19990701; JP H10511435 A 19981104; RU 2129174 C1 19990420; TR 199501674 A2 19960721; US 5878787 A 19990309; WO 9619604 A1 19960627

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