

Title (en)

Weft insertion device for a gripper loom

Title (de)

Vorrichtung zum Eintrag von Schussfaden an einer Greiferwebmaschine

Title (fr)

Dispositif pour l'insertion du fil de trame sur un métier à tisser à lances

Publication

**EP 0759484 B1 19990804 (FR)**

Application

**EP 96420264 A 19960802**

Priority

FR 9510029 A 19950818

Abstract (en)

[origin: EP0759484A1] The loom with a lance weft insertion mechanism has permanent magnets (9) positioned along the lance strip (8) line, to give a magnetic guide action. A ferro-magnetic unit (12), at the frame support (1), is on a continuous line under the sliding surface (3), to support the moving lances, along the lance longitudinal axis. Each magnet (9) has a symmetrical section parallel to the magnetic direction and the longitudinal axis of the lance strip (8), and with a max. length on the symmetrical section (13). The ferro-magnetic unit (12) also has a similar symmetrical section (14), with the max. thickness on its symmetrical section.

IPC 1-7

**D03D 47/27**

IPC 8 full level

**D03D 47/18** (2006.01); **D03D 47/27** (2006.01)

CPC (source: EP)

**D03D 47/272** (2013.01); **D03D 47/277** (2013.01)

Cited by

EP1777330A1; EP1394302A1; EP2829646A1; CN104342825A; BE1015528A3; EP1479808A3; US6973942B2; US9359700B2; WO2007039244A3

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