

Title (en)

Insertion device for a two-ply loom and loom incorporating such a device

Title (de)

Schussfadeneintragsvorrichtung für eine Webmaschine zum Herstellen von zweilagige Gewebe und Webmaschine mit einer solchen Vorrichtung

Title (fr)

Dispositif d'insertion de fils de trame pour métier à deux nappes superposées et métier à tisser équipé d'un tel dispositif

Publication

EP 1734165 A1 20061220 (FR)

Application

EP 06356062 A 20060607

Priority

FR 0505825 A 20050608

Abstract (en)

The device has wheels (21, 22) rotating around axes (A 21, A 22) with respect to a frame of a loom. An assembly forms a reed comprising attachments (133, 136) that are distributed in two series (S 1, S 2) along a reed width of the loom. The attachments are provided for guiding flexible parts (112, 122) of rapiers such that the parts (112, 122) do not contact the teeth (132a) of a reed (132). The reed is situated between a plane containing points and a plane perpendicular to fabric plies before the separation of the plies. An independent claim is also included for a loom to be woven comprising a weft yarn insertion device.

IPC 8 full level

D03D 39/16 (2006.01)

CPC (source: EP)

D03D 39/16 (2013.01); **D03D 47/272** (2013.01); **D03D 47/276** (2013.01); **D03D 47/277** (2013.01); **D03D 49/62** (2013.01)

Citation (applicant)

- FR 2552455 A1 19850329 - TEXTIMA VEB K [DD]
- DE 4131745 A1 19930325 - INGBUERO UND RATIONALISIERUNG [DE]
- CN 2507874 Y 20020828 - ZHU FANGHUA [CN]
- CN 87108047 A 19880601

Citation (search report)

- [DA] DE 4131745 A1 19930325 - INGBUERO UND RATIONALISIERUNG [DE]
- [A] US 3717182 A 19730220 - SPARLING R

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

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