

Title (en)

Drawing gripper for weaving looms with improved performance for the transport of double weft threads

Title (de)

Mitnehmergreifer für Webmaschinen mit verbesserter Leistung zum Doppelschusseintrag

Title (fr)

Pince de sortie pour métiers à tisser à performance améliorée pour l'insertion de double duite

Publication

EP 1803843 A1 20070704 (EN)

Application

EP 05425929 A 20051228

Priority

EP 05425929 A 20051228

Abstract (en)

Drawing gripper for weaving looms comprising a gripping device of the weft thread consisting of the coupling between a fixed surface formed in the inner part of the gripper hook and inclined with respect to the shifting direction of the gripper, and the mobile surface of a wedge carried on the front end of a longitudinal rod housed in the gripper and movable in an axial direction with respect thereto. The movable rod is driven in an open position of the gripping device, in contrast with spring means provided on the gripper, by lever means cooperating with fixed outer abutments arranged on the loom, and on the same rod the rear portion of a flexible metal plate is attached, the free front portion whereof imparts an elastic pressure force to the upper edge of at least one of the cooperating surfaces of said gripping device.

IPC 8 full level

D03D 47/23 (2006.01)

CPC (source: EP)

D03D 47/23 (2013.01)

Citation (applicant)

EP 0571025 A1 19931124 - NUOVO PIGNONE SPA [IT]

Citation (search report)

- [X] EP 0576074 A1 19931229 - NUOVO PIGNONE SPA [IT]
- [X] EP 0571025 A1 19931124 - NUOVO PIGNONE SPA [IT]
- [A] EP 0695820 A1 19960207 - NUOVO PIGNONE SPA [IT]
- [A] US 4226265 A 19801007 - ZOLLINGER HANS
- [A] FR 2214774 A1 19740819 - SAURER DIEDERICHSA [FR], et al
- [A] US 4417606 A 19831129 - CORAIN LUCIANO [IT]
- [A] EP 0822279 A1 19980204 - VAMATEX NUOVA SPA [IT]

Cited by

CN102851846A; US8656962B2

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)

EP 1803843 A1 20070704; CN 1990922 A 20070704

DOCDB simple family (application)

EP 05425929 A 20051228; CN 200610144678 A 20061114