

Title (en)
Carrying gripper for looms.

Title (de)
Bringergreifer für Webmaschinen.

Title (fr)
Griffe d'amenée pour métiers à tisser.

Publication
EP 0657569 A1 19950614 (EN)

Application
EP 94116850 A 19941025

Priority
IT TO930236 U 19931027

Abstract (en)
A carrying gripper presenting a gripper body (3) in turn presenting, on one side, a deflecting seat (5) for a weft yarn (11), and, on the opposite side, a gripping element (6) for maintaining crosswise to the gripper body the yarn portion extending between the deflecting seat and the gripping element. To ensure the yarn portion between the deflecting seat and the gripping element is maintained correctly positioned at all times, the deflecting seat (15) is defined, in the traveling direction of the carrying gripper, by an edge (17b) having a tangent perpendicular to the direction of the yarn upstream from the gripper. The seat is formed by a recess (8) in turn formed in a tab (7) of the gripper metal, which tab is so bent that the recess correctly guides the weft during exchange, and keeps the yarn taut even when the increase in length of the yarn is such as to cause it to slip out of the seat. <IMAGE>

IPC 1-7
D03D 47/23

IPC 8 full level
D03D 47/23 (2006.01)

CPC (source: EP)
D03D 47/233 (2013.01)

Citation (search report)

- [XY] EP 0441099 A1 19910814 - SULZER AG [CH]
- [Y] US 3081796 A 19630319 - REMINGTON ELLIOTT L
- [X] US 3874420 A 19750401 - CUGINI JOHN A
- [X] FR 2222467 A1 19741018 - ROCKWELL INTERNATIONAL CORP [US]
- [X] CH 370721 A 19630715 - DRAPER CORP [US]
- [A] DE 2827354 A1 19800103 - MERTENS & FROWEIN GMBH & CO KG
- [A] FR 2278815 A1 19760213 - ETCOMA SARL [FR]

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0657569 A1 19950614; IT 231509 Y1 19990803; IT TO930236 U1 19950427; IT TO930236 V0 19931027

DOCDB simple family (application)
EP 94116850 A 19941025; IT TO930236 U 19931027