

Title (en)
Weft yarn carrying gripper for shuttleless looms

Title (de)
Zubringergreifer für schützenlose Webmaschinen

Title (fr)
Griffe porteuse pour métiers sans navette

Publication
EP 0509255 B1 19960710 (EN)

Application
EP 92104590 A 19920317

Priority
IT MI910784 A 19910322

Abstract (en)
[origin: EP0509255A1] Weft yarn carrying gripper for shuttleless looms, comprising no hinged or sliding joints to connect its reciprocally movable parts, which would determine the presence of slacks. This makes the gripper highly wearproof. The movable clamping member of the gripper consists of a flexible lamina (6), connected with an end (6b) to the gripper body (1) and kept pressed against a fixed clamping member (5) by a leaf spring (8) acting onto the other free end (6a). Adjusting means (12-14) are provided to regulate the pressure force of the leaf spring (8) acting on the movable clamping member (6). A stiff lever (10) is fixedly connected to the movable clamping member (6) and is operated by a loom cam, so as to open the clamping zone of the gripper by elastically lifting said member (6) and allow cleaning thereof. <IMAGE>

IPC 1-7
D03D 47/23

IPC 8 full level
D03D 47/23 (2006.01)

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

Cited by
EP0984089A1; BE1010334A3; US6164342A; EP1249527A1; EP1256644A1; BE1012242A3; WO9747792A1; WO0023642A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0509255 A1 19921021; EP 0509255 B1 19960710; AT E140275 T1 19960715; DE 69212040 D1 19960814; DE 69212040 T2 19970306; ES 2090389 T3 19961016; IT 1245579 B 19940929; IT MI910784 A0 19910322; IT MI910784 A1 19920922

DOCDB simple family (application)
EP 92104590 A 19920317; AT 92104590 T 19920317; DE 69212040 T 19920317; ES 92104590 T 19920317; IT MI910784 A 19910322