

Title (en)
IMPROVED MOTOR-DRIVEN GRIPPER OPENING DEVICE

Title (de)
Motorisch angetriebene Vorrichtung zum Öffnen eines Greifers

Title (fr)
Dispositif entraîné par un moteur pour ouvrir une pince

Publication
EP 1491670 A2 20041229 (EN)

Application
EP 04100265 A 20040126

Priority
IT MI20030293 U 20030626

Abstract (en)
Gripper-opening device comprises a shaped-profile slider (3) engaged with an operating lever and movable at least in a direction parallel to the motion of the gripper by driving motor (8), and connection between the motor and the slider is in form of exact straight-line guide mechanism (7) having control pin (9) pivoting at a head (4) rigidly linked to the slider.
The invention relates to a gripper-opening device for grippers of a weaving loom, comprising a shaped-profile slider (3), capable of engaging with an operating lever of a weaving gripper and movable at least in a direction parallel to the motion of the gripper by means of a driving motor (8), between said motor (8) and the slider (3) there being provided connection means (4, 5, 6, 7, 9) in the form of an exact straight-line guide mechanism (7) whose control pin (9) is pivoted to a base (4) rigidly linked to the slider (3). <IMAGE>

IPC 1-7
D03D 47/20; **D03D 47/23**

IPC 8 full level
D03D 47/20 (2006.01)

CPC (source: EP)
D03D 47/20 (2013.01)

Cited by
WO2016177601A1; CN107580638A; ITUB20155478A1; CN108291336A; WO2017081712A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1491670 A2 20041229; **EP 1491670 A3 20050511**; **EP 1491670 B1 20091111**; AT E448342 T1 20091115; CN 2718000 Y 20050817; DE 602004024003 D1 20091224; ES 2336557 T3 20100414; HK 1074227 A1 20051104; IT MI20030293 U1 20041227; IT MI20030293 V0 20030626

DOCDB simple family (application)
EP 04100265 A 20040126; AT 04100265 T 20040126; CN 200420073211 U 20040624; DE 602004024003 T 20040126; ES 04100265 T 20040126; HK 05105297 A 20050624; IT MI20030293 U 20030626