

Title (en)

Drive means for operating devices of weaving machines

Title (de)

Antriebsvorrichtung für Arbeitselemente an Webmaschinen

Title (fr)

Dispositif d'entraînement pour des éléments de travail dans les métiers à tisser

Publication

**EP 1281797 B1 20070822 (DE)**

Application

**EP 02015819 A 20020716**

Priority

DE 10137183 A 20010731

Abstract (en)

[origin: EP1281797A2] Loom drive system, e.g. for the gripper rods, has cam disks at the main shaft with a transmission linkage to the input shaft at the high reduction gear mechanism. The reversible drive mechanism for loom components, e.g. the weft grip insertion rods, has a cam body on the main shaft (1) as a pair of cam disks (11), with their roller levers (21) on a swing shaft (2) which is parallel to the main shaft. The swing shaft is linked to the high reduction gearing (5) through a swing lever (25) and a coupling link (30) to the gear input shaft. The reduction gearing assembly is wholly of paired rim gears.

IPC 8 full level

**D03D 47/27** (2006.01); **D03D 51/02** (2006.01)

CPC (source: EP)

**D03D 47/272** (2013.01); **D03D 47/273** (2013.01); **D03D 47/275** (2013.01); **D03D 51/02** (2013.01)

Cited by

CN104404694A; CN117823577A; WO2007115521A1

Designated contracting state (EPC)

BE DE IT

DOCDB simple family (publication)

**EP 1281797 A2 20030205; EP 1281797 A3 20031022; EP 1281797 B1 20070822**; DE 10137183 A1 20030220; DE 50210734 D1 20071004

DOCDB simple family (application)

**EP 02015819 A 20020716**; DE 10137183 A 20010731; DE 50210734 T 20020716