

Title (en)

Weaving loom drive, with no flywheel and friction clutch

Title (de)

Antriebsvorrichtung für Webmaschinen ohne Schwungrad und Reibungskupplung

Title (fr)

Commande de métier à tisser sans volant ni embrayage à friction

Publication

EP 1158081 B1 20050119 (EN)

Application

EP 01112634 A 20010524

Priority

IT MI20001157 A 20000525

Abstract (en)

[origin: EP1158081A1] Drive unit for a weaving loom which comprises a main shaft (21) operating the essential weaving devices (27) of the loom, a driven shaft (25) operating a weave machine (26), and a single electric motor (20) for loom operation. The electric motor (20) is connected to said main shaft (21) through a first synchronous gearing comprising a disengageable clutch (28), and to said driven shaft (25) through a second synchronous gearing in constant mesh. Detection (29a, 29b, 29c, 32) and control (30, 31) devices are provided to allow engaging said clutch (28) in any preset angular position. <IMAGE>

IPC 1-7

D03D 51/00

IPC 8 full level

D03D 51/00 (2006.01)

CPC (source: EP)

D03D 51/02 (2013.01)

Cited by

CN102493108A; CN103849991A; EP1469109A3; EP1600542A3; CN109338575A; CN116123262A; US7857011B2; US7074506B2; WO2006002962A1; EP2341170A1; JP2008505256A

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