

Title (en)
Shaft drive for loom shafts

Title (de)
Schaftantrieb für Webmaschinenschäfte

Title (fr)
Système d'entraînement de lames pour métiers à tisser

Publication
EP 1700939 A3 20081015 (DE)

Application
EP 06002238 A 20060203

Priority
DE 102005010807 A 20050307

Abstract (en)
[origin: DE102005010807B3] A drive for shaft(s) of a loom includes: drive-off device(s), aligned with and connected to the shaft, to be held in a stationary phase and moved in a moving phase; a controller for the actual speed of the drive-off device and thus the shaft; and a coupling device (associated with the drive) between a driver and a drive arrangement for transferring driving movement from the drive shaft. The coupling device comprises a first drive disk (21) (connected to the driver). a second drive disk (22) and a drive-off disk connectable to one of the driving disks by a switching catch movable between two stable positions by a bistable pretensioning device. An independent claim is included for a variant of the drive, in which the drive-off disk is connectable to a selected drive disk via a first switching catch or a second switching catch (27a) located at a distance from the first catch.

IPC 8 full level
D03C 1/00 (2006.01)

CPC (source: EP)
D03C 1/00 (2013.01)

Citation (search report)

- [DA] EP 0851045 A1 19980701 - STAUBLI SA ETS [FR]
- [PA] EP 1516947 A2 20050323 - GROZ BECKERT KG [DE]
- [A] EP 0607632 A1 19940727 - BURIGANA LUCIO [IT]
- [A] EP 0467444 A1 19920122 - GIOBBE SRL [IT]

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

Designated extension state (EPC)
AL BA HR MK YU

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DE 102005010807 B3 20060406; CN 1834318 A 20060920; CN 1834318 B 20101208; DE 502006007207 D1 20100729;
EP 1700939 A2 20060913; EP 1700939 A3 20081015; EP 1700939 B1 20100616; JP 2006249649 A 20060921; JP 4248554 B2 20090402

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