

Title (en)
Loom drive mechanism

Title (de)
Antriebsmechanismus für eine Webmaschine

Title (fr)
Système d'entraînement pour métier à tisser

Publication
EP 0743383 A1 19961120 (EN)

Application
EP 96107263 A 19960508

Priority
JP 11414795 A 19950512

Abstract (en)
In a loom drive mechanism capable of driving a shedding motion K which is a dobby or a jacquard machine and a loom main body L without the shedding motion K in synchronism with each other by a simple arrangement without increasing the size of a drive system of the loom main body L and without the need of electrically synchronous drive control, the loom drive mechanism comprises a main motor M1 for driving the loom main body L, an auxiliary motor M2 for driving the shedding motion K and a coupling system C for interlocking the drive shaft of the loom main body L with the drive shaft of the shedding motion K by mechanical coupling. The auxiliary motor M2 shares a portion of a shedding load required by the shedding motion K and a deficient load is imposed on the main motor M1 through the coupling system C. <IMAGE>

IPC 1-7
D03C 3/32; **D03C 1/16**; **D03D 51/02**

IPC 8 full level
D03C 3/32 (2006.01); **D03C 1/16** (2006.01); **D03D 51/02** (2006.01); **H02P 5/00** (2016.01); **H02P 5/51** (2016.01)

CPC (source: EP)
D03C 1/16 (2013.01); **D03C 3/32** (2013.01); **D03C 13/025** (2013.01); **D03D 51/005** (2013.01); **D03D 51/02** (2013.01)

Citation (search report)

- [XD] DE 9102560 U1 19910523 & JP H0489579 U 19920805
- [A] BE 1006781 A6 19941206 - PICANOL NV [BE]
- [A] EP 0513728 A1 19921119 - TSUDAKOMA IND CO LTD [JP]
- [A] EP 0241076 A2 19871014 - PICANOL NV [BE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 043 (C - 0907) 4 February 1992 (1992-02-04)

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EP0872585A1; CN103306000A; EP1445364A3; CN102212916A; US6186184B1; WO2006029993A1

Designated contracting state (EPC)
CH FR LI

DOCDB simple family (publication)
EP 0743383 A1 19961120; JP H08302545 A 19961119

DOCDB simple family (application)
EP 96107263 A 19960508; JP 11414795 A 19950512