

Title (en)

Shaft drive for a loom

Title (de)

Schaftantrieb für eine Webmaschine

Title (fr)

Système d'entraînement de lames pour métier à tisser

Publication

**EP 1798320 B1 20110406 (DE)**

Application

**EP 06023500 A 20061111**

Priority

DE 102005059911 A 20051215

Abstract (en)

[origin: DE102005059911B3] The drive unit (2) includes a shaft with an output (6) driving the heddle frame (1) of the loom. The drive includes non-circular gearing, of which the velocity ratio varies. The shaft is connected to a flywheel, to even out rotation and compensate load fluctuations. The output (6) is a swinging lever driven by an eccentric. The eccentric is driven exclusively or predominantly in a given direction of rotation.

IPC 8 full level

**D03C 1/00** (2006.01); **D03C 13/00** (2006.01); **D03D 51/16** (2006.01)

CPC (source: EP US)

**D03C 1/146** (2013.01 - EP US); **D03C 1/148** (2013.01 - EP US); **D03C 13/00** (2013.01 - EP US); **D03D 51/16** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

BE CH DE FR IT LI TR

DOCDB simple family (publication)

**DE 102005059911 B3 20070208**; DE 502006009243 D1 20110519; EP 1798320 A2 20070620; EP 1798320 A3 20080730; EP 1798320 B1 20110406; JP 2007162205 A 20070628; US 2007137719 A1 20070621

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**DE 102005059911 A 20051215**; DE 502006009243 T 20061111; EP 06023500 A 20061111; JP 2006338241 A 20061215; US 63919906 A 20061215