

Title (en)

Shedding mechanism for a loom

Title (de)

Fachbildeeinrichtung für eine Webmaschine

Title (fr)

Dispositif de formation de la foule pour un métier à tisser

Publication

EP 1564320 B1 20090311 (DE)

Application

EP 05000545 A 20050113

Priority

DE 102004006389 A 20040210

Abstract (en)

[origin: EP1564320A2] The shed mechanism (1), at a loom with a number of shafts, has a number of servo motor groups (13,14) under the heald frames (3-8) each as a cluster with their rotary axes (27-32) arranged on a circle or ellipse or other shape and offset axially against each other. Each servo motor (15-20) has a drive take-off lever (21-26), with their free ends at the center of the circle/ellipse, linked to the heald frames by connecting rods (34-39) at different angles.

IPC 8 full level

D03C 13/00 (2006.01); **D03D 5/00** (2006.01); **D03C 5/00** (2006.01)

CPC (source: EP US)

D03C 5/00 (2013.01 - EP US); **D03C 13/025** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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EP 1564320 A2 20050817; **EP 1564320 A3 20060726**; **EP 1564320 B1 20090311**; CN 1676704 A 20051005; CN 1676704 B 20110223; DE 102004006389 A1 20050901; DE 102004006389 B4 20070531; DE 502005006777 D1 20090423; JP 2005226216 A 20050825; JP 4257301 B2 20090422; US 2005183788 A1 20050825; US 7059356 B2 20060613

DOCDB simple family (application)

EP 05000545 A 20050113; CN 200510068550 A 20050208; DE 102004006389 A 20040210; DE 502005006777 T 20050113; JP 2005033007 A 20050209; US 5334705 A 20050209