

Title (en)

Beating device for loom

Title (de)

Webladenvorrichtung für Webmaschine

Title (fr)

Dispositif de battant pour métier à tisser

Publication

EP 1600540 A1 20051130 (EN)

Application

EP 05005523 A 20050314

Priority

JP 2004159777 A 20040528

Abstract (en)

A beating device (50) for a loom includes a plurality of rocking shafts (7, 9, 61i, 61j, 62i, 62j, 71i, 72i) disposed distant from each other in a width direction of cloth to be woven by the loom; a balance shaft (11a, 12a, 61a, 62a, 71a, 72aa, 72ab, 74) disposed farther away from a reed (5) than the rocking shafts and extending in said width direction, the balance shaft being disposed between the neighboring rocking shafts; a pair of connecting portions (11b and 11c, 12b and 12c, 61b and 61c, 62b and 62c, 71b and 72c, 72b and 72b) for respectively connecting two opposite ends of the balance shaft with ends of the neighboring rocking shafts; and a plurality of sley swords (8, 11d, 12d, 12e, 61d, 63, 73). At least one of opposite end-segments of the balance shaft is formed integrally with at least one of the connecting portions and/or at least one of the sley swords to define an integrally molded unit. <IMAGE>

IPC 1-7

D03D 49/60

IPC 8 full level

D03D 49/60 (2006.01)

CPC (source: EP KR)

D03D 49/60 (2013.01 - EP); **E04F 19/083** (2013.01 - KR)

Citation (search report)

- [A] US 4076048 A 19780228 - BOLLETER ULRICH, et al
- [A] US 5109890 A 19920505 - STACHER ANGELO [CH], et al

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EP3992342A1; US2022127763A1; US11913144B2

Designated contracting state (EPC)

BE CH DE IT LI

DOCDB simple family (publication)

EP 1600540 A1 20051130; EP 1600540 B1 20120509; CN 1702212 A 20051130; CN 1702212 B 20100922; JP 2005336669 A 20051208; KR 20060043760 A 20060515; TW 200600626 A 20060101

DOCDB simple family (application)

EP 05005523 A 20050314; CN 200510054592 A 20050314; JP 2004159777 A 20040528; KR 20050022242 A 20050317; TW 94109110 A 20050324