

Title (en)
Beating device for loom

Title (de)
Webladenvorrichtung für eine Webmaschine

Title (fr)
Dispositif de battant pour métier à tisser

Publication
EP 1602760 A2 20051207 (EN)

Application
EP 05005522 A 20050314

Priority
JP 2004162336 A 20040531

Abstract (en)
A beating device (50) for a loom includes a plurality of rocking shafts (7, 9) disposed distant from each other in a width direction of cloth to be woven by the loom; a balance shaft (11, 12) 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; and a pair of connection units (41, 42) for respectively connecting two opposite ends of the balance shaft with ends of the neighboring rocking shafts. The balance shaft is non-circular in cross-section such that a rocking-direction flexural-rigidity of the balance shaft is greater than a flexural-rigidity of the balance shaft in a direction perpendicular to the rocking direction.

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); **F21K 9/235** (2016.07 - KR); **F21K 9/237** (2016.07 - KR); **F21Y 2115/10** (2016.07 - KR)

Cited by
CN105525425A; CN102257197A; EP2379784A4

Designated contracting state (EPC)
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EP 1602760 A2 20051207; **EP 1602760 A3 20060531**; **EP 1602760 B1 20090121**; CN 1704513 A 20051207; DE 602005012457 D1 20090312; JP 2005344223 A 20051215; JP 4383964 B2 20091216; KR 20060047652 A 20060518; TW 200602527 A 20060116

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