

Title (en)
LOOM WITH BEATING DEVICE

Title (de)
WEBMASCHINE MIT ANSCHLAGMECHANISMUS

Title (fr)
MÉTIER À TISSER AVEC DISPOSITIF DE BATTAGE

Publication
EP 3992342 A1 20220504 (EN)

Application
EP 21199431 A 20210928

Priority
JP 2020179826 A 20201027

Abstract (en)
A beating device (1) for a loom includes a rocking shaft (10), where the rocking shaft (10) is constituted by connecting a plurality of shaft constituting members consisting of a first shaft member (20) and a second shaft member (30) each having a balance part (26; 36) and both side parts, which are connecting parts, the shaft constituting members at both ends are the first shaft members (20), at least one of the two adjacent shaft constituting members is the second shaft member (30), the two adjacent shaft constituting members are connected in a state where a shaft part (22a, 24a) of a shaft connecting part (22, 24) of the first shaft member (20) or the second shaft member (30), which is the other shaft constituting member is fitted in a hole part (32a) of a hole connecting part (32) of the second shaft member (30), which is one shaft constituting member, and the rocking shaft (10) is connected to support shafts (40) by the shaft parts (22a) of the shaft connecting parts (22) on one side of each of the first shaft members (20) at both ends and is connected to support bodies (54) by the shaft parts (24a) of the shaft connecting parts (24) on the other side.

IPC 8 full level
D03D 49/60 (2006.01)

CPC (source: CN EP)
D03D 49/60 (2013.01 - CN EP)

Citation (applicant)
JP 2005344223 A 20051215 - TSUDAKOMA IND CO LTD

Citation (search report)
• [X] EP 1600540 A1 20051130 - TSUDAKOMA IND CO LTD [JP]
• [A] CN 208844256 U 20190510 - SUZHOU SHUANGMING TEXTILE CO LTD

Citation (third parties)
Third party : Anonymous
• EP 1600540 A1 20051130 - TSUDAKOMA IND CO LTD [JP]
• CN 304572381 S
• CN 302826014 S

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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DOCDB simple family (application)
EP 21199431 A 20210928; CN 202111152784 A 20210929; CN 202122381807 U 20210929; JP 2020179826 A 20201027