

Title (en)
SHEDDING MECHANISM FOR A LOOM

Publication
EP 0251997 B1 19890927 (DE)

Application
EP 87810312 A 19870525

Priority
CH 272186 A 19860704

Abstract (en)
[origin: US4817676A] In a loom shedding motion device, the pivoting motion of cam follower levers driven by cams is transmitted by way of thrust rods, bent levers to the leaves of the loom. Extending from a central bearing of each lever are arms on the motion input side of the lever and the motion output side of the lever. The arms are cranked or offset relatively to a bearing lug of the bent lever so that pivot points or arrangements at the ends of the arms and a center bearing are disposed substantially on a straight line, so that, because of the transmission forces in the shedding motion, the pivot experience torques which are operative around the bearing center and whose resultant is disposed vectorially on the bearing axis. The bent levers are therefore supported on the spindle or bearing shaft without tilting, so that the operation is free from wear and little lubricant is needed.

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D03C 5/00

IPC 8 full level
D03C 5/02 (2006.01); **D03C 5/00** (2006.01); **D03C 13/00** (2006.01)

CPC (source: EP US)
D03C 5/00 (2013.01 - EP US)

Cited by
CN103352289A; BE1001921A3; EP0376359A1; EP0709504A1; EP0524116A1; FR2679264A1; EP0595380A1

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