

Title (en)
Framebar for healdframe

Title (de)
Schaftstab für Webschäfte

Title (fr)
Barre pour cadre à lisses

Publication
EP 1659200 B1 20071017 (DE)

Application
EP 05023399 A 20051026

Priority
DE 102004055381 A 20041117

Abstract (en)
[origin: US2006102243A1] A shaft rod 2) according to the invention has, particularly in its mid region, a particularly low mass. The shaft rod has an upper ledge (11) and a lower ledge (12) which have a reduced thickness in the mid region of the shaft rod. As a result, the load induced by acceleration forces is significantly less in the mid region than in conventional constructions. By virtue of the reduced acceleration forces, the extent of bending of the shaft rods in the middle is less and therefore a shaft rod of such a structure is better adapted for use in very rapidly operating weaving machines.

IPC 8 full level
D03C 9/06 (2006.01)

CPC (source: EP US)
D03C 9/0625 (2013.01 - EP US)

Designated contracting state (EPC)
BE DE FR IT

DOCDB simple family (publication)
DE 102004055381 B3 20060406; CN 1776051 A 20060524; CN 1776051 B 20101229; DE 502005001718 D1 20071129; EP 1659200 A1 20060524; EP 1659200 B1 20071017; JP 2006144215 A 20060608; JP 4134146 B2 20080813; US 2006102243 A1 20060518; US 7264022 B2 20070904

DOCDB simple family (application)
DE 102004055381 A 20041117; CN 200510125484 A 20051117; DE 502005001718 T 20051026; EP 05023399 A 20051026; JP 2005319442 A 20051102; US 28038705 A 20051117