

Title (en)  
Heald frame

Title (de)  
Webschaft

Title (fr)  
Cadre à lisses

Publication  
**EP 1736579 A3 20080910 (DE)**

Application  
**EP 06011740 A 20060607**

Priority  
DE 102005029699 A 20050624

Abstract (en)  
[origin: EP1736579A2] A loom shaft comprises (a) a shaft rod on which braids for formation of fabric fans are retained, (b) a side support (5) enclosing an internal cavity (21) and connected with the rod and (c) a connecting joint (10), between and connecting (a) and (b) and including a swivel axis (14) outside (a). Either (i) the connecting joint is free of restoring force as regards the swivelling motion or (ii) a drive connector is combined with the side support as a single piece.

IPC 8 full level  
**D03C 9/06** (2006.01)

CPC (source: EP US)  
**D03C 9/065** (2013.01 - EP US); **D03C 9/0675** (2013.01 - EP US); **D03C 9/0683** (2013.01 - EP US)

Citation (search report)

- [DYA] JP H10310948 A 19981124 - TOYODA AUTOMATIC LOOM WORKS
- [A] JP 2001064843 A 20010313 - NANKAI KOGYO KK
- [A] CH 643310 A5 19840530 - MARUYAMA MFG CO [JP]
- [Y] US 5411061 A 19950502 - FAASE GENE E [US]
- [A] WO 0229143 A1 20020411 - STAUBLI SA ETS [FR], et al
- [A] DE 4403923 C1 19950727 - GROB & CO AG [CH]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1736579 A2 20061227; EP 1736579 A3 20080910; EP 1736579 B1 20100317**; CN 1884652 A 20061227; CN 1884652 B 20110504; DE 102005029699 B3 20070208; DE 502006006424 D1 20100429; JP 2007002398 A 20070111; JP 4572179 B2 20101027; US 2007006930 A1 20070111; US 7617845 B2 20091117

DOCDB simple family (application)  
**EP 06011740 A 20060607**; CN 200610093277 A 20060623; DE 102005029699 A 20050624; DE 502006006424 T 20060607; JP 2006171345 A 20060621; US 47433406 A 20060626