

Title (en)
Heald frame

Title (de)
Webschaft

Title (fr)
Cadre à lisses

Publication
EP 1643023 A3 20070404 (DE)

Application
EP 05020053 A 20050915

Priority
DE 102004047929 A 20041001

Abstract (en)
[origin: EP1643023A2] A textile loom has a heald frame (1) that is moved by pushrods that pass through the heald side-frame (13) channel (19). The mechanical play between the pushrod circumference (22) and the channel sidewalls (21) is eliminated by an insert (24) extending the length of the pushrod (15). The insert is a permanently elastic dampening material and leaves minimal residual mechanical play allowing the pushrod to move smoothly through the passage.

IPC 8 full level
D03C 9/06 (2006.01); **D03C 1/14** (2006.01)

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

Citation (search report)
• [AD] EP 0467808 A1 19920122 - STAUBLI SA ETS [FR]
• [AD] EP 0520540 A1 19921230 - PICANOL NV [BE]

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 YU

DOCDB simple family (publication)
DE 102004047929 B3 20051201; CN 1754995 A 20060405; CN 1754995 B 20110525; EP 1643023 A2 20060405; EP 1643023 A3 20070404; EP 1643023 B1 20131009; JP 2006104650 A 20060420; JP 4366350 B2 20091118; US 2006070680 A1 20060406; US 8251102 B2 20120828

DOCDB simple family (application)
DE 102004047929 A 20041001; CN 200510116591 A 20050930; EP 05020053 A 20050915; JP 2005287468 A 20050930; US 24053105 A 20051003