

Title (en)

Shed forming device for looms

Title (de)

Fachbildeeinrichtung für Webmaschinen

Title (fr)

Dispositif de formation de foule pour métiers à tisser

Publication

EP 0760405 A1 19970305 (DE)

Application

EP 96113643 A 19960826

Priority

CH 246195 A 19950830

Abstract (en)

In weaving shed forming appts., warp threads in heddles (7), each activated by a pneumatic or hydraulic piston-cylinder system (10), reciprocate between an upper and lower shed position. Also claimed is similar shed formation appts. where the pattern is electronically entered and the piston (11) or piston pair for each heddle is moved alternately by a pressurised medium in a direction corresp. to the heddle in the upper or lower shed position. Each heddle is formed as a piston rod emerging from the piston-cylinder system or is connected by rod-like means to the piston. The heddle free ends are led into drilled guide holes in a piston-rod guide block placed a distance from the system block (10).

Abstract (de)

Die Fachbildeeinrichtung für Webmaschinen, mit welcher in Litzen geführte Kettfäden zwischen einer Oberfachstellung und einer Unterfachstellung hin- und herbewegt werden, umfasst ein, an jeder Litze (7) angreifendes pneumatisches oder hydraulisches Kolben-Zylinder-System (10). <IMAGE>

IPC 1-7

D03C 13/00; **D03C 3/22**

IPC 8 full level

D03D 49/34 (2006.01); **D03C 3/22** (2006.01); **D03C 3/44** (2006.01); **D03C 5/00** (2006.01); **D03C 13/00** (2006.01)

CPC (source: EP US)

D03C 3/22 (2013.01 - EP US); **D03C 3/44** (2013.01 - EP US)

Citation (search report)

- [X] GB 1482640 A 19770810 - AUTOSYST LTD, et al
- [X] US 3853150 A 19741210 - ROMANO E
- [X] EP 0536899 A2 19930414 - NIPPON FILCON KK [JP]
- [X] DE 2832515 A1 19790215 - BROCHIER SOIERIES J

Cited by

DE10305016A1; DE10305016B4; WO2004072341A1

Designated contracting state (EPC)

BE DE ES FR GB IT PT

DOCDB simple family (publication)

EP 0760405 A1 19970305; **EP 0760405 B1 20000329**; CH 690037 A5 20000331; CZ 240696 A3 19970312; DE 59604818 D1 20000504; JP H09111572 A 19970428; TR 199600687 A2 19970422; US 5762112 A 19980609

DOCDB simple family (application)

EP 96113643 A 19960826; CH 246195 A 19950830; CZ 240696 A 19960814; DE 59604818 T 19960826; JP 22887696 A 19960829; TR 9600687 A 19960827; US 70140296 A 19960822