

Title (en)

Apparatus for positioning sheets in a machine station

Title (de)

Vorrichtung zum Positionieren von Bögen in einer Maschinenstation

Title (fr)

Dispositif pour positionner des feuilles dans une station de machine

Publication

**EP 1151833 A3 20031022 (FR)**

Application

**EP 01110900 A 20010505**

Priority

CH 8832000 A 20000505

Abstract (en)

[origin: EP1151833A2] A movable shelf which supports a marginal zone of a sheet is moved by actuators. A sheet gripper (15,16) which travels with the shelf during its displacement grips a sheet marginal zone. The sheet gripper is connected to the shelf by an articulation comprising several levers (10,18) forming a parallelogram articulated about horizontal pivoting axes (11,13,17,19). A permanently compressed spring piston (24) eliminates radial play of the pivoting axes and a transverse leaf spring eliminates lateral play.

IPC 1-7

**B26D 7/01**; **B26D 7/02**; **B65H 5/14**

IPC 8 full level

**B65H 5/14** (2006.01)

CPC (source: EP KR US)

**B65H 5/08** (2013.01 - KR); **B65H 5/14** (2013.01 - EP US); **B65H 2301/44331** (2013.01 - EP); **B65H 2403/5311** (2013.01 - EP US)

Citation (search report)

- [AD] DE 3916405 A1 19891123 - BOBST SA [CH]
- [PAD] EP 1044908 A1 20001018 - BOBST SA [CH]
- [A] GB 2050312 A 19810107 - METAL BOX CO LTD

Cited by

KR100424121B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1151833 A2 20011107**; **EP 1151833 A3 20031022**; **EP 1151833 B1 20050302**; AT E289899 T1 20050315; AU 4206901 A 20011108; AU 778553 B2 20041209; BR 0101686 A 20011226; BR 0101686 B1 20090505; CA 2346276 A1 20011105; CA 2346276 C 20041130; CH 693794 A5 20040213; CN 1206146 C 20050615; CN 1322626 A 20011121; DE 60109083 D1 20050407; DE 60109083 T2 20060413; ES 2237510 T3 20050801; JP 2002003010 A 20020109; JP 3408801 B2 20030519; KR 100424121 B1 20040324; KR 20010100982 A 20011114; TW 480215 B 20020321; US 2001040334 A1 20011115; US 6637744 B2 20031028

DOCDB simple family (application)

**EP 01110900 A 20010505**; AT 01110900 T 20010505; AU 4206901 A 20010504; BR 0101686 A 20010504; CA 2346276 A 20010504; CH 8832000 A 20000505; CN 01121429 A 20010430; DE 60109083 T 20010505; ES 01110900 T 20010505; JP 2001136215 A 20010507; KR 20010024433 A 20010504; TW 90108608 A 20010411; US 84774201 A 20010502