

Title (en)

Automatically closing flat element on the circumference of cylinders

Title (de)

Selbsttätig schliessendes Flächenelement am Umfang von Zylindern

Title (fr)

Élément plat à fermeture automatique sur la circonférence de cylindres

Publication

**EP 1225148 A3 20040107 (DE)**

Application

**EP 01126591 A 20011116**

Priority

DE 10102808 A 20010123

Abstract (en)

[origin: JP2002240458A] PROBLEM TO BE SOLVED: To maintain a continuously circumferential wall surface of a cylinder as much as possible and to enable the cylinder to easily access (approach) to a folding member supported to the interior of the cylinder. SOLUTION: The cylinder for guiding printing sheets comprises the circumferential wall surface 2 of the cylinder to guide surface-like printing sheets and a holding member for fixing the printing sheets on the wall surface 2. The cylinder further comprises a movable surface element 13 disposed near the folding member 5 for loading surface-like printing sheets advanced from an opening 4 of the circumferential wall surface of the cylinder. In this case, the surface element 13 is moved to an open position by an action of a pressing force of the element 13 and automatically moved to a closed position after the pressing force is released.

IPC 1-7

**B65H 45/16**

IPC 8 full level

**B42C 1/10** (2006.01); **B65H 45/16** (2006.01)

CPC (source: EP US)

**B65H 45/164** (2013.01 - EP US); **B65H 45/166** (2013.01 - EP US)

Citation (search report)

- [AD] US 5429578 A 19950704 - CALBRIX JEAN-CLAUDE [FR], et al
- [A] FR 2084362 A5 19711217 - MASCHF AUGSBURG NUERNBERG AG

Cited by

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**EP 1225148 A2 20020724**; **EP 1225148 A3 20040107**; **EP 1225148 B1 20050309**; AT E290506 T1 20050315; DE 10102808 A1 20020725; DE 50105529 D1 20050414; JP 2002240458 A 20020828; JP 4123783 B2 20080723; US 2002132716 A1 20020919; US 6676588 B2 20040113

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