

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

CN110787884A

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 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

DOCDB simple family (application)

EP 01126591 A 20011116; AT 01126591 T 20011116; DE 10102808 A 20010123; DE 50105529 T 20011116; JP 2002014328 A 20020123; US 5064602 A 20020116