

Title (en)

Device for cleaning the surface of a cylinder in a rotary printing machine

Title (de)

Vorrichtung zum Reinigen der Mantelfläche von Zylindern in Rotationsdruckmaschinen

Title (fr)

Dispositif pour nettoyer la surface d'un cylindre dans une machine d'impression rotative

Publication

**EP 0790125 B1 20000419 (DE)**

Application

**EP 97101504 A 19970131**

Priority

DE 19605957 A 19960217

Abstract (en)

[origin: EP0790125A1] The cleaning device cleans the surfaces of cylinders (1). A cleaning cloth (4) extends over the length of the cylinder. A pressing element acts on the cloth to press it to the cylinder. The pressing element consists of an elastically deformable hollow body (5). When internal pressure is applied to the hollow body, it expands elastically, increasing the spacing towards the cylinder surface. Air is supplied to the hollow body via a two-way valve (8). The two-way valve can be switched from excess pressure to negative pressure, so that the hollow body can pass from an outward position via a neutral rest position to a position stretched inwards.

IPC 1-7

**B41F 35/00**

IPC 8 full level

**B41F 35/00** (2006.01); **B41F 35/06** (2006.01)

CPC (source: EP US)

**B41F 35/00** (2013.01 - EP US)

Cited by

CN111417547A; EP1050407A1; US11697401B2; US6386106B1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0790125 A1 19970820; EP 0790125 B1 20000419**; CZ 14997 A3 19970917; DE 19605957 A1 19970821; DE 59701458 D1 20000525; JP H09220805 A 19970826; US 5784962 A 19980728

DOCDB simple family (application)

**EP 97101504 A 19970131**; CZ 14997 A 19970117; DE 19605957 A 19960217; DE 59701458 T 19970131; JP 2822797 A 19970213; US 80151697 A 19970218