

Title (en)
DEVICE FOR CLEANING THE SURFACE OF A CYLINDER

Title (de)
VORRICHTUNG ZUM REINIGEN EINER ZYLINDEROBERFLÄCHE

Title (fr)
DISPOSITIF POUR NETTOYER LA SURFACE D'UN CYLINDRE

Publication
EP 1727681 B1 20100818 (DE)

Application
EP 05707396 A 20050215

Priority
• EP 2005001502 W 20050215
• DE 102004008793 A 20040220

Abstract (en)
[origin: WO2005082626A1] The invention relates to a device for cleaning the surface of a cylinder in a printing press. The device comprises a cleaning surface (1) for making contact with the cylinder surface (16) and an engagement device for engaging and disengaging the cleaning surface (1) on and from the surface of the cylinder (16). The cleaning surface (1) can be rotated by a motor about a rotational axis that runs parallel to the axis of the cylinder to be cleaned, using an incremental servo-drive (2, 3, 4, 5, 14), which modifies the angular position of the cleaning surface (1) by increments in relation to the rotational axis. The incremental servo-drive preferably comprises a ratchet or catch mechanism (4), whilst the cleaning surface (1) is preferably divided into several segments, which have different coverings that can be easily attached and detached by means of a quick-change system.

IPC 8 full level
B41F 35/06 (2006.01)

CPC (source: EP)
B41F 35/06 (2013.01); **B41P 2235/22** (2013.01)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 2005082626 A1 20050909; DE 502005010104 D1 20100930; EP 1727681 A1 20061206; EP 1727681 B1 20100818; JP 2007522962 A 20070816

DOCDB simple family (application)
EP 2005001502 W 20050215; DE 502005010104 T 20050215; EP 05707396 A 20050215; JP 2006553510 A 20050215