

Title (en)
IMPRESSION CYLINDER

Title (de)
PRESSEURWALZE

Title (fr)
ROULEAU PRESSEUR

Publication
EP 2209630 B1 20160309 (DE)

Application
EP 08846519 A 20081103

Priority
• CH 2008000459 W 20081103
• CH 17282007 A 20071107

Abstract (en)
[origin: WO2009059442A2] An impression cylinder (6) comprises a cylinder core (71) encompassing a bearing shaft (79), and a removable sleeve (63) that is slid onto the cylinder core (71). The cylinder core (71) has an electrical contact point in the form of a double-crimped metal ring (100) as well as a non-rotating brush (102) as a power supply. A conducting zone (631) of the slid-on sleeve (63) rests against the electrical contact point (100). The electrical contact point (100) and the power supply (102) are electrically insulated from the rest of the cylinder core (71) encompassing the bearing shaft (79) such that the rest of the cylinder core (71) is not charged during operation. The bearings (12) of the impression cylinder (6) therefore do not need to be electrically insulated with a lot of effort.

IPC 8 full level
B41F 9/00 (2006.01); **B41F 13/187** (2006.01)

CPC (source: EP US)
B41F 9/001 (2013.01 - EP US); **B41F 13/187** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009059442 A2 20090514; WO 2009059442 A3 20090716; CN 101873932 A 20101027; CN 101873932 B 20140319; EA 018177 B1 20130628; EA 201000730 A1 20101230; EP 2209630 A2 20100728; EP 2209630 B1 20160309; ES 2570504 T3 20160518; PL 2209630 T3 20160930; US 2010263563 A1 20101021; US 8418609 B2 20130416

DOCDB simple family (application)
CH 2008000459 W 20081103; CN 200880114896 A 20081103; EA 201000730 A 20081103; EP 08846519 A 20081103; ES 08846519 T 20081103; PL 08846519 T 20081103; US 74153708 A 20081103