

Title (en)  
Rotation body of a printing machine

Title (de)  
Druckmaschinenrotationskörper

Title (fr)  
Corps de rotation d'une presse

Publication  
**EP 2845730 A1 20150311 (DE)**

Application  
**EP 14179100 A 20140730**

Priority  
DE 102013109536 A 20130902

Abstract (en)  
[origin: US2015059359A1] A rotary body of a printing press, in particular a printing press cylinder or a printing press roller, is disclosed. The rotary body includes a shaft, which is rotatably mountable on a printing press frame via bearings, and an outer surface which is temperature controllable. The outer surface is temperature controllable via at least one Peltier element integrated in the rotary body of a printing press, namely coolable and/or heatable.

Abstract (de)  
Druckmaschinenrotationskörper (10), insbesondere Druckmaschinenzylinder oder Druckmaschinenwalze, mit einer Welle (11), die über Lager (13) an einem Druckmaschinengestell (14) drehbar lagerbar ist, und mit einer äußeren Oberfläche (15), die temperierbar ist, wobei die äußere Oberfläche (15) über mindestens ein in den Druckmaschinenrotationskörper (10) integriertes Peltier-Element (16) temperierbar, nämlich kühlbar und/oder erwärmbar, ist.

IPC 8 full level  
**B41F 13/08** (2006.01); **B41F 13/22** (2006.01)

CPC (source: EP US)  
**B41F 13/08** (2013.01 - EP US); **B41F 13/22** (2013.01 - EP US); **F25B 21/04** (2013.01 - US); **F25B 2321/025** (2013.01 - US)

Citation (search report)

- [X] DE 102005062203 A1 20070628 - KOENIG & BAUER AG [DE]
- [X] DE 10206943 A1 20030821 - OCE PRINTING SYSTEMS GMBH [DE]
- [X] DE 10104049 A1 20020814 - KOENIG & BAUER AG [DE]
- [X] EP 2450190 A1 20120509 - PALO ALTO RES CT INC [US]

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2845730 A1 20150311**; **EP 2845730 B1 20160511**; CN 104417019 A 20150318; DE 102013109536 A1 20150305; JP 2015047873 A 20150316; US 2015059359 A1 20150305

DOCDB simple family (application)  
**EP 14179100 A 20140730**; CN 201410441625 A 20140902; DE 102013109536 A 20130902; JP 2014177707 A 20140902; US 201414473458 A 20140829