

Title (en)  
CYLINDER WITH PARTIALLY GAS-PERMEABLE SURFACE

Title (de)  
ZYLINDER MIT PARTIELL GASDURCHLÄSSIGER OBERFLÄCHE

Title (fr)  
VERIN COMPRENANT UNE SURFACE PARTIELLEMENT PERMEABLE AU GAZ

Publication  
**EP 3243660 B1 20180718 (DE)**

Application  
**EP 16168747 A 20160509**

Priority  
EP 16168747 A 20160509

Abstract (en)  
[origin: WO2017194440A1] The invention relates to a cylinder (10) comprising a cylindrical body (11). It is provided here that a first proportion of the circumferential face (48) of the cylindrical body (11) is of porous and gas-permeable configuration, and a second proportion of the circumferential face (48) of the cylindrical body (11) is of gas-impermeable configuration, wherein the porous gas-permeable first proportion of the circumferential face (48) is connected to at least one gas feed line, and wherein the first proportion of the circumferential face (48) is at least 0.1% and at most 50%. Further aspects of the invention relate to a corresponding adapter sleeve (10) and a corresponding printing forme cylinder.

IPC 8 full level  
**B41F 13/10** (2006.01); **B41F 27/10** (2006.01); **B41F 27/14** (2006.01)

CPC (source: EP RU US)  
**B41F 5/24** (2013.01 - RU US); **B41F 13/10** (2013.01 - EP RU US); **B41F 27/105** (2013.01 - EP RU US); **B41F 27/14** (2013.01 - EP RU US);  
**B41F 25/00** (2013.01 - US)

Cited by  
EP3792061A1; WO2021048361A1; CN111591010A; US11890857B2; EP3640031A1; WO2020078979A1

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

DOCDB simple family (publication)  
**EP 3243660 A1 20171115; EP 3243660 B1 20180718;** BR 112018072894 A2 20190219; CN 109195800 A 20190111;  
CN 109195800 B 20210409; JP 2019514756 A 20190606; JP 6945555 B2 20211006; MX 2018013599 A 20190221; PL 3243660 T3 20190329;  
RU 2018143369 A 20200610; RU 2018143369 A3 20200713; RU 2732798 C2 20200922; US 10538078 B2 20200121;  
US 2019143671 A1 20190516; WO 2017194440 A1 20171116

DOCDB simple family (application)  
**EP 16168747 A 20160509;** BR 112018072894 A 20170508; CN 201780028598 A 20170508; EP 2017060868 W 20170508;  
JP 2018558710 A 20170508; MX 2018013599 A 20170508; PL 16168747 T 20160509; RU 2018143369 A 20170508;  
US 201716098459 A 20170508