

Title (en)

DEVICE FOR INDIRECT PRINTING OF A CYLINDRICAL PART

Title (de)

VORRICHTUNG ZUM INDIREKTEN BEDRUCKEN EINES ZYLINDRISCHEN TEILS

Title (fr)

DISPOSITIF POUR L'IMPRESSION INDIRECTE D'UNE PIÈCE CYLINDRIQUE

Publication

EP 3065950 B1 20170621 (DE)

Application

EP 15791543 A 20151028

Priority

- DE 102015201341 A 20150127
- EP 2015074987 W 20151028

Abstract (en)

[origin: WO2016119924A1] The invention relates to a device (2) for indirect printing of cylindrical parts (4), comprising a printing intermediate carrier (8) and comprising an apparatus for transferring a printed image to the printing intermediate carrier (8) or for generating a printed image on the printing intermediate carrier (8), characterized in that the printing intermediate carrier (8) is an endless belt (10) which is guided as an endless belt loop over at least two rollers (12) and receives the printed image on the outer side thereof which faces away from the rollers (12), wherein the endless belt (10) forms a transfer section (30) extending in a plane between the rollers (12) in the drive direction, and in that there is a feeding apparatus (6) for the cylindrical parts (4) to be printed, and in that the feeding apparatus (6) is designed, at least in the region of the endless belt (10), for translational feeding of the parts (4) to be printed in one direction and one plane, wherein the parts (4) are rotatably mounted in workpiece carriers (42) of the feeding apparatus (6), such that the printed image previously received on the endless belt (10) is transferrable against the flat transfer section (30) of the endless belt (10) from the endless belt (10) to the cylindrical part (4).

IPC 8 full level

B41F 31/16 (2006.01); **B41F 17/00** (2006.01); **B41F 17/18** (2006.01); **B41F 17/22** (2006.01)

CPC (source: EP)

B41F 17/002 (2013.01); **B41F 17/007** (2013.01); **B41F 17/18** (2013.01); **B41F 17/22** (2013.01); **B41F 31/16** (2013.01); **B41P 2217/62** (2013.01)

Cited by

EP3792060A1; EP3495145A1; DE102017128894A1; DE102019124759A1; DE102017128894B4

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)

DE 102015201341 A1 20160728; DK 3251848 T3 20190218; EP 3065950 A1 20160914; EP 3065950 B1 20170621; EP 3251848 A1 20171206; EP 3251848 B1 20181024; ES 2704029 T3 20190313; WO 2016119924 A1 20160804

DOCDB simple family (application)

DE 102015201341 A 20150127; DK 17176477 T 20151028; EP 15791543 A 20151028; EP 17176477 A 20151028; EP 2015074987 W 20151028; ES 17176477 T 20151028