

Title (en)
INKING UNIT OF A PRINTING UNIT

Title (de)
FARBWERK EINES DRUCKWERKS

Title (fr)
UNITÉ D'ENCRAGE D'UNE GROUPE D'IMPRESSION

Publication
EP 3169522 A1 20170524 (DE)

Application
EP 15732662 A 20150629

Priority

- DE 102014213804 A 20140716
- DE 102014221220 A 20141020
- EP 2015064643 W 20150629

Abstract (en)
[origin: WO2016008700A1] The invention relates to an inking unit of a printing unit and a device for printing on hollow bodies each having a cylindrical lateral surface, said device comprising said inking unit, the inking unit (06) having an anilox roller (08), which receives a printing ink from an ink reservoir, and having an inking roller (07) placed against a printing cylinder (04) of the printing unit, a rider roller (13) being arranged axially parallel to the anilox roller (08) in a region between the ink reservoir and the inking roller (07), said region being located subsequent to the ink reservoir in a direction of rotation of the anilox roller (08), which ink reservoir interacts with the anilox roller (08), the rider roller (13) being placed against the anilox roller (08), characterized in that the rider roller (13) is rotationally driven by the anilox roller (08) by means of friction, the inking roller (07) being rotationally driven by the anilox roller (08) by means of friction, the plate cylinder (04) and the anilox roller (08) each being independently rotationally driven by a motor (11; 12).

IPC 8 full level
B41F 13/004 (2006.01); **B41F 17/18** (2006.01); **B41F 31/10** (2006.01); **B41F 31/12** (2006.01); **B41F 31/13** (2006.01); **B41F 31/14** (2006.01)

CPC (source: EP US)
B41F 13/0045 (2013.01 - EP US); **B41F 17/14** (2013.01 - US); **B41F 17/18** (2013.01 - EP US); **B41F 17/20** (2013.01 - US); **B41F 17/22** (2013.01 - US); **B41F 17/28** (2013.01 - US); **B41F 31/004** (2013.01 - US); **B41F 31/022** (2013.01 - US); **B41F 31/06** (2013.01 - US); **B41F 31/10** (2013.01 - EP US); **B41F 31/12** (2013.01 - EP US); **B41F 31/13** (2013.01 - EP US); **B41P 2213/734** (2013.01 - EP US)

Citation (search report)
See references of WO 2016008700A1

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)
WO 2016008700 A1 20160121; EP 3169522 A1 20170524; EP 3169522 B1 20180425; PL 3169522 T3 20180731; US 2017197404 A1 20170713; US 9833989 B2 20171205

DOCDB simple family (application)
EP 2015064643 W 20150629; EP 15732662 A 20150629; PL 15732662 T 20150629; US 201515320825 A 20150629