

Title (en)

FLAT SUPPORT PRINTING MACHINE EQUIPPED WITH A COATING UNIT FOR APPLYING A COATING SUBSTANCE

Title (de)

DRUCKMASCHINE FÜR EBENE UNTERLAGEN, DIE ZUR AUFBRINGUNG EINER BESCHICHTUNGSSUBSTANZ MIT EINEM BESCHICHTUNGSAGGREGAT AUSGERÜSTET IST

Title (fr)

GROUPE D'ENDUCTION POUR APPLIQUER UNE SUBSTANCE D'ENDUCTION DANS UNE MACHINE D'IMPRESSION DE SUPPORTS PLANS

Publication

EP 3169526 B1 20200603 (FR)

Application

EP 15736404 A 20150715

Priority

- EP 14002500 A 20140718
- EP 2015025048 W 20150715

Abstract (en)

[origin: WO2016008595A1] The invention relates to a surface application unit for applying a surface application substance to all or a portion of a surface of a planar substrate in a machine for printing planar substrates, comprising an applicator roller (11) which is rotated (T) and can be positioned against all or a portion of the surface of the substrate in order to apply the substance thereto; an anilox roller (13) which is rotated (S) and positioned against the applicator roller (11) and which covers the applicator roller (11) with the substance; and a supply system (14) which makes it possible to supply the anilox roller (13) with the substance and which is provided with a substance tank, a pump, means for circulating the substance, and a device (16) which is held against the anilox roller (13) in order to supply the substance to said roller. The surface application unit further comprises a recovery system (18) which is mounted downstream of the applicator roller (11) and can be positioned against the applicator roller (11) in order to recover any excess substance on the roller (11).

IPC 8 full level

B41J 11/00 (2006.01); **B41F 23/08** (2006.01)

CPC (source: CN EP IL KR US)

B05C 1/0834 (2013.01 - IL US); **B05C 9/10** (2013.01 - IL US); **B05C 9/12** (2013.01 - IL US); **B41F 23/08** (2013.01 - CN EP IL KR US); **B41J 2/01** (2013.01 - IL US); **B41J 11/0015** (2013.01 - CN EP IL KR 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

DOCDB simple family (publication)

WO 2016008595 A1 20160121; CN 106687293 A 20170517; CN 106687293 B 20190521; EP 3169526 A1 20170524; EP 3169526 B1 20200603; ES 2805078 T3 20210210; IL 249522 A0 20170228; IL 249522 B 20210325; JP 2017522185 A 20170810; JP 6417475 B2 20181107; KR 101900621 B1 20180919; KR 20170019462 A 20170221; TW 201623014 A 20160701; TW I604957 B 20171111; US 10035166 B2 20180731; US 2017209895 A1 20170727

DOCDB simple family (application)

EP 2015025048 W 20150715; CN 201580048175 A 20150715; EP 15736404 A 20150715; ES 15736404 T 20150715; IL 24952216 A 20161212; JP 2017522721 A 20150715; KR 20177001645 A 20150715; TW 104123212 A 20150717; US 201515324318 A 20150715