

Title (en)
Duplex printing machine in a series configuration

Title (de)
Douxplex-Druckmaschine in Reihenbauweise

Title (fr)
Machine d'impression duplex à structure en ligne

Publication
EP 2703161 A3 20151007 (DE)

Application
EP 13182025 A 20130828

Priority
DE 102012017436 A 20120904

Abstract (en)
[origin: EP2703161A2] The machine (1) has printing elements (2-4) comprising respective printing cylinders (10.1-10.3), and a digitally-controllable imaging unit attached to the printing elements. The printing elements are arranged one behind the other, and comprise a turning device (19) and a reconducting device for supplying a single-sided multi-colored printed sheet to the printing cylinder of one of the printing elements. Delivery drums (14, 16, 17, 18) are arranged between the printing cylinders, where the turning device has a dynamically-driven turning gripper (22).

IPC 8 full level
B41F 21/10 (2006.01); **B41F 21/00** (2006.01)

CPC (source: EP)
B41F 21/00 (2013.01); **B41F 21/10** (2013.01); **B41F 21/106** (2013.01)

Citation (search report)

- [X] DE 29521986 U1 19990128 - HEIDELBERGER DRUCKMASCH AG [DE]
- [X] EP 0924091 A1 19990623 - HEIDELBERGER DRUCKMASCH AG [DE]
- [X] DE 102008024216 A1 20091126 - EASTMAN KODAK CO [US]
- [X] EP 1386865 A2 20040204 - NEXPRESS SOLUTIONS LLC [US]

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US10882307B2

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 2703161 A2 20140305; EP 2703161 A3 20151007; EP 2703161 B1 20161026; DE 102012017436 A1 20140306

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