

Title (en)  
PRINTING MACHINE AND CORRESPONDING METHOD

Title (de)  
DRUCKMASCHINE UND ENTSPRECHENDES VERFAHREN

Title (fr)  
MACHINE D'IMPRESSION ET PROCEDE CORRESPONDANT

Publication  
**EP 2091735 A2 20090826 (FR)**

Application  
**EP 07870236 A 20071031**

Priority  
• FR 2007001813 W 20071031  
• FR 0610318 A 20061124

Abstract (en)  
[origin: FR2909031A1] The machine (2) has a printing unit (6) to print on a continuous band (12) of material to be printed, and a cutting device (10) to cut the printed band. The unit has an ink reservoir (7) containing ink (7A) e.g. bicomponent ink. A traction device (8) is located in downstream of the printing unit and upstream of the cutting device. The traction device applies a determined mechanical stress on the printed band leaving the printing unit, where the band is a coated paper band having a chalk or kaolin layer. An independent claim is also included for a printing method.

IPC 8 full level  
**B41F 13/02** (2006.01); **B41F 13/08** (2006.01); **B41F 22/00** (2006.01); **B41F 23/04** (2006.01); **B41F 35/00** (2006.01); **B65H 20/02** (2006.01); **B65H 27/00** (2006.01)

CPC (source: EP US)  
**B41F 13/02** (2013.01 - EP US); **B41F 13/08** (2013.01 - EP US); **B41F 22/00** (2013.01 - EP US); **B41F 23/04** (2013.01 - EP US); **B41F 23/0413** (2013.01 - EP US); **B41F 35/00** (2013.01 - EP US); **B65H 20/02** (2013.01 - EP US); **B65H 2301/517** (2013.01 - EP US); **B65H 2406/33** (2013.01 - EP US); **B65H 2601/251** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008068399A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2909031 A1 20080530; FR 2909031 B1 20110304**; CN 101573236 A 20091104; CN 101573236 B 20120926; EP 2091735 A2 20090826; EP 2091735 B1 20140319; JP 2010510107 A 20100402; US 2010064917 A1 20100318; WO 2008068399 A2 20080612; WO 2008068399 A3 20081127

DOCDB simple family (application)  
**FR 0610318 A 20061124**; CN 200780043018 A 20071031; EP 07870236 A 20071031; FR 2007001813 W 20071031; JP 2009537667 A 20071031; US 51634407 A 20071031