

Title (en)

Printing press and printing process

Title (de)

Druckmaschine und Druckverfahren

Title (fr)

Machine d'impression et procédé correspondant

Publication

EP 1745926 A3 20080910 (FR)

Application

EP 06291134 A 20060711

Priority

FR 0507619 A 20050718

Abstract (en)

[origin: EP1745926A2] The machine has a printing unit (6) for printing on a continuous printing web of material to be printed. A cutting device (10) cuts the web printed by the printing unit. A traction device (8) is located downstream of the unit, that is furthest downstream, and upstream of the cutting device, and includes cleaning devices. The traction device applies a preset mechanical tension to the web being discharged from the unit, where the machine conveys the printed web in ambient air over an entire path between the traction and the cutting devices. An independent claim is also included for a printing method for printing, comprising printing continuous printing web of material.

IPC 8 full level

B41F 13/02 (2006.01); **B08B 7/00** (2006.01); **B41F 5/06** (2006.01); **B41F 13/56** (2006.01); **B41F 13/60** (2006.01); **B41F 35/00** (2006.01); **B65G 45/22** (2006.01); **B65G 45/24** (2006.01); **B65H 20/02** (2006.01)

CPC (source: EP US)

B41F 22/00 (2013.01 - EP US); **B41F 35/007** (2013.01 - EP US); **B65H 20/02** (2013.01 - EP US); **B65H 2301/121** (2013.01 - EP US); **B65H 2301/517** (2013.01 - EP US); **B65H 2404/14** (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)

- [XY] US 4930383 A 19900605 - KOEBLER INGO [DE]
- [Y] US 4846060 A 19890711 - PROCTOR EARL M [US]
- [Y] US 2112586 A 19380329 - BARBER HOWARD M
- [Y] US 5255606 A 19931026 - IJIMA TAKASHI [JP], et al
- [Y] JP H10181924 A 19980707 - INABA KAZUO
- [Y] DE 4429047 A1 19960222 - HEIDELBERGER DRUCKMASCH AG [DE]
- [Y] EP 0461898 A1 19911218 - BALDWIN TECHNOLOGY CORP [US]

Cited by

CN106427191A; CN103223766A; EP2159056A1; US9669616B2; US10124575B2; WO2010022857A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1745926 A2 20070124; **EP 1745926 A3 20080910**; CN 1915664 A 20070221; CN 1915664 B 20111207; FR 2888527 A1 20070119; FR 2888527 B1 20090116; JP 2007022813 A 20070201; US 2007012205 A1 20070118

DOCDB simple family (application)

EP 06291134 A 20060711; CN 200610125789 A 20060718; FR 0507619 A 20050718; JP 2006196075 A 20060718; US 48832706 A 20060718