

Title (en)

Intaglio printing machine and process

Title (de)

Intaglio Druckmaschine und dessen Verfahren

Title (fr)

Machine d'impression intaglio et procédé correspondant

Publication

**EP 1602483 A1 20051207 (EN)**

Application

**EP 04013137 A 20040603**

Priority

EP 04013137 A 20040603

Abstract (en)

The printing machine for sheets (2) of documents, such as securities, bank-notes, checks, ID, passports and other similar documents, comprises at least a plate cylinder (5) supporting printing plates (6,7,8) with engravings, a first inking unit for inking said plates, an impression cylinder (3) supporting said sheets (2) and cooperating with said plate cylinder (5), and a wiping device (20) for wiping the ink on the surface of said plates (6,7,8) outside the engravings. It comprises an inking unit (21) placed downstream of the wiping device (20) in the sense of displacement of the sheets (2) for an additional deposition of ink on the wiped surface of the plates (6,7,8). <IMAGE>

IPC 1-7

**B41F 11/02**

IPC 8 full level

**B41F 9/02** (2006.01); **B41F 11/02** (2006.01)

CPC (source: EP)

**B41F 9/021** (2013.01); **B41F 11/02** (2013.01)

Citation (applicant)

- US 4516496 A 19850514 - GIORI GUALTIERO [CH]
- US 6109172 A 20000829 - WYSSMANN HANS [CH]

Citation (search report)

- [XY] WO 0154904 A1 20010802 - KOENIG & BAUER AG [DE], et al
- [XY] EP 0175057 A1 19860326 - KOMORI PRINTING MACH [JP]
- [A] EP 0982131 A2 20000301 - KOMORI PRINTING MACH [JP]
- [DA] US 4516496 A 19850514 - GIORI GUALTIERO [CH]
- [A] EP 0459263 A1 19911204 - KOMORI PRINTING MACH [JP]

Cited by

EP2065187A1; EP1916104A3; DE102006028325B4; JP2016049745A; EP4360882A1; JP2015030262A; US2012312180A1; US10414152B2; JP2015030263A; EP1886814A3; JP2016049650A; KR20160118307A; US7987782B2; US8925453B2; US7503257B2; EP2637396A1; WO2013132448A1; US10489522B2; EP2524809A1; WO2012160476A1; US8390897B2; US9221242B2; EP2119527A1; EP2743025A2; US9796202B2; EP2524805A1; WO2012160478A1; EP3031608A1; US9751296B2; EP2746049A1; WO2014097227A1; US10150283B2; WO2007113640A2; EP1842665A1; EP2253468B1; EP2722179A1; WO2014060997A1; US9211696B2; EP1916104A2; US7938063B2; EP2636527A1; WO2013132471A1; US9475273B2; EP2253468A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1602483 A1 20051207**

DOCDB simple family (application)

**EP 04013137 A 20040603**