

Title (en)
Intaglio offset printing machine

Title (de)
Druckmaschine für indirekten Tiefdruck

Title (fr)
Machine pour l'impression en héliogravure indirecte

Publication
EP 1707354 A1 20061004 (EN)

Application
EP 05006838 A 20050330

Priority
EP 05006838 A 20050330

Abstract (en)
An intaglio offset printing machine includes a metal intaglio plate cylinder (10) having a plurality of recesses (11) in a circumference thereof and a transferring cylinder (30). Ink is filled into the recesses (11). The transferring cylinder (30) presses against the metal intaglio plate cylinder (10), allowing the ink in the recesses (11) of the metal intaglio plate cylinder (10) to be transferred onto the transferring cylinder (30) when the metal intaglio plate cylinder (10) and the transferring cylinder (30) are turned synchronously. The transferring cylinder presses against a surface of an object (2) to be printed. Thus, the ink on the transferring cylinder (30) is transferred onto the surface of the object (2) passing through the transferring cylinder (30).

IPC 8 full level
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CPC (source: EP)
B41F 9/01 (2013.01); **B41M 1/10** (2013.01)

Citation (applicant)
US 4566384 A 19860128 - MATSUMOTO KATSUTOSHI [JP]

Citation (search report)
• [X] US 5718171 A 19980217 - TITGEMEYER UDO [DE], et al
• [X] US 4672893 A 19870616 - MAMMARELLA SR JAMES J [US]
• [X] FR 1410832 A 19650910
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• [X] US 6640705 B1 20031104 - STUHLMILLER HELMUT [DE], et al
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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 MC NL PL PT RO SE SI SK TR

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