

Title (en)

METHOD FOR INLINE PUNCHING FOR SHEET OFFSET PRINTING AND A SHEET OFFSET PRINTING MACHINE

Title (de)

VERFAHREN ZUM INLINE-STANZEN BEIM BOGENOFFSETDRUCK UND BOGENOFFSETDRUCKMASCHINE

Title (fr)

PROCEDE DE DECOUPAGE EN LIGNE POUR L'IMPRESSION OFFSET A FEUILLES ET ROTATIVE OFFSET A FEUILLES

Publication

EP 1656259 B1 20080213 (DE)

Application

EP 04764238 A 20040818

Priority

- EP 2004009252 W 20040818
- DE 10338352 A 20030821

Abstract (en)

[origin: WO2005021265A2] The invention relates to a method and a sheet offset printing machine (2) for printing a stock in the form of individual sheets (1) and for punching blanks (3) into sheets (1) in a printing or painting group (14) of the printing machine (2) comprising a rubber or fabric varnishing cylinder (22) and a counterpressure cylinder (24) determining a gap (34) for the sheets (1) passing through, wherein one of cylinders (22) comprises a punching sheet (36) provided with salient punching burrs (44) on the external surface thereof. Said printing or painting group (14) also comprises a suction device (40) for sucking off punchings (38) produced by punching (3) during passage through the gap (34). The aim of said invention is to avoid that the sheets (1) take off from the other cylinder (24) by depression produced during suction. For this purpose, the punching sheet (36) is provided with projected spring clips (68) on the periphery of the rubber or fabric varnishing cylinder (22) which press the sheets (1) against the external surface (52) of the other cylinder (24) in the area of the gap (34).

IPC 8 full level

B41G 7/00 (2006.01); **B26D 7/02** (2006.01); **B26D 7/18** (2006.01); **B26F 1/38** (2006.01); **B26F 1/44** (2006.01); **B41F 19/00** (2006.01)

CPC (source: EP)

B26D 7/02 (2013.01); **B26D 7/1863** (2013.01); **B26F 1/384** (2013.01); **B41G 7/00** (2013.01)

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)

WO 2005021265 A2 20050310; **WO 2005021265 A3 20050512**; AT E385897 T1 20080315; DE 10338352 A1 20050317; DE 502004006202 D1 20080327; DK 1656259 T3 20080609; EP 1656259 A2 20060517; EP 1656259 B1 20080213

DOCDB simple family (application)

EP 2004009252 W 20040818; AT 04764238 T 20040818; DE 10338352 A 20030821; DE 502004006202 T 20040818; DK 04764238 T 20040818; EP 04764238 A 20040818