

Title (en)

PERFECTING METHOD AND OFFSET PRINTING PRESS FOR SHEETS FOR CARRYING OUT THE METHOD

Publication

**EP 0150355 B1 19900307 (DE)**

Application

**EP 84114948 A 19841207**

Priority

DE 3403065 A 19840130

Abstract (en)

[origin: US4603631A] A process and apparatus for perfecting printing on paper sheets, one side being printed by the offset method and the other side being printed by direct planography, is provided for a five-cylinder sheet-fed offset press having an impression cylinder, first and second plate cylinders and first and second blanket cylinders, the latter being disposed respectively between the plate cylinders and the impression cylinder, wherein one or more printing plates suitable for direct planography are clamped on the impression cylinder in accordance with the size relationship between the impression cylinder and the blanket cylinders, the first plate cylinder and first blanket cylinder are arranged so as not to transfer indicia although the blanket cylinder is engaged with the impression cylinder, the effective diameter (d) of the first blanket cylinder is made slightly less than the dimension that corresponds to an integral multiple (or reciprocal thereof) of the effective diameter (D) of the impression cylinder, and the pressure between the first blanket cylinder and the impression cylinder is adjusted to be greater than the pressure between the second blanket cylinder and the impression cylinder, the second plate cylinder and blanket cylinder being arranged for one side offset printing, and the offset printing process and the direct planography printing each being controlled in known manner.

IPC 1-7

**B41F 7/06**

IPC 8 full level

**B41F 7/02** (2006.01); **B41F 7/06** (2006.01); **B41F 7/10** (2006.01); **B41F 7/12** (2006.01)

CPC (source: EP US)

**B41F 7/10** (2013.01 - EP US); **B41F 7/12** (2013.01 - EP US); **Y10S 101/49** (2013.01 - EP US)

Citation (examination)

EP 0096181 A2 19831221 - ROLAND MAN DRUCKMASCH [DE]

Cited by

WO0139976A1

Designated contracting state (EPC)

AT CH FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0150355 A2 19850807**; **EP 0150355 A3 19870729**; **EP 0150355 B1 19900307**; AT E50731 T1 19900315; DE 3403065 A1 19850808; DE 3403065 C2 19870611; JP S60180842 A 19850914; US 4603631 A 19860805

DOCDB simple family (application)

**EP 84114948 A 19841207**; AT 84114948 T 19841207; DE 3403065 A 19840130; JP 1462885 A 19850130; US 69645085 A 19850130