

Title (en)
OFFSET PRINTING UNIT

Publication
EP 0406737 A3 19910612 (DE)

Application
EP 90112528 A 19900630

Priority
DE 8908243 U 19890706

Abstract (en)
[origin: EP0406737A2] An offset printing unit has a blanket cylinder, a plate cylinder, a forme inking cylinder, having a resilient operating surface, which cylinders are all driven at the same rotational speed, and a screen roller feeding ink to the forme inking cylinder. In order to avoid a slipping movement between the plate cylinder and the forme inking cylinder, the forme inking cylinder has a diameter of about 99% of the diameter of the plate cylinder. The forme inking cylinder has a coating made of an elastic, ink-receptive material, the thickness of which coating is 2 to 3% of the diameter of the forme inking cylinder and which has a Shore hardness of 60 to 70 DEG . For operation, the forme inking cylinder is placed against the plate cylinder in such a way that it is in contact with the plate cylinder over a length of 7 to 9 mm in the circumferential direction. <IMAGE>

IPC 1-7
B41F 13/26

IPC 8 full level
B41F 31/06 (2006.01); **B41F 13/26** (2006.01); **B41F 31/00** (2006.01); **B41F 31/26** (2006.01)

CPC (source: EP US)
B41F 31/004 (2013.01 - EP US); **B41F 31/26** (2013.01 - EP US)

Citation (search report)
[AD] DE 3117341 A1 19821118 - FRANKENTHAL AG ALBERT [DE]

Cited by
DE4335282A1; DE4335282C2; DE19934395B4; EP0985530A3

Designated contracting state (EPC)
CH DE FR GB IT LI SE

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DE 8908243 U1 19890817; CA 2020082 A1 19910107; CA 2020082 C 19950103; DE 59004098 D1 19940217; EP 0406737 A2 19910109; EP 0406737 A3 19910612; EP 0406737 B1 19940105; JP H0343251 A 19910225; US 5165341 A 19921124

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