

Title (en)  
SHEET TRANSFER DRUM BETWEEN THE PRINTING UNITS OF A ROTARY PRINTING MACHINE

Publication  
**EP 0230032 B1 19910529 (DE)**

Application  
**EP 86117839 A 19861220**

Priority  
DE 3602084 A 19860124

Abstract (en)  
[origin: US4815379A] A rotary printing press having an assembly of at least two printing units and a sheet transfer cylinder located between the printing units and having a plurality of gripper rows arranged symmetrically at the circumference of the cylinder, the sheet transfer cylinder includes a device for defining guide surfaces disposed between the gripper rows within the circumference of the cylinder and extending at least approximately as secants to the circumference of the cylinder.

IPC 1-7  
**B41F 21/10**

IPC 8 full level  
**B41F 21/10** (2006.01)

CPC (source: EP US)  
**B41F 21/10** (2013.01 - EP US)

Citation (examination)  
EP 0185965 A2 19860702 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by  
DE102004022957B4; EP1070582A1; DE4436955A1; DE4436955C2; DE4342203A1; DE4342203C3; DE19912709A1; DE19912709C2; US7000540B2; EP0706882A1; US7287750B2

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

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**EP 0230032 A2 19870729; EP 0230032 A3 19890412; EP 0230032 B1 19910529;** AT E63855 T1 19910615; AU 604221 B2 19901213; AU 6671786 A 19870730; CA 1280133 C 19910212; CN 87100582 A 19870812; CN 87100582 B 19881109; DE 3602084 A1 19870730; DE 3602084 C2 19891228; DE 3679536 D1 19910704; DK 164359 B 19920615; DK 164359 C 19921102; DK 5087 A 19870725; DK 5087 D0 19870106; JP H062403 B2 19940112; JP S62173258 A 19870730; NO 165529 B 19901119; NO 165529 C 19910227; NO 870290 D0 19870123; NO 870290 L 19870727; US 4815379 A 19890328

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**EP 86117839 A 19861220;** AT 86117839 T 19861220; AU 6671786 A 19861218; CA 524984 A 19861210; CN 87100582 A 19870124; DE 3602084 A 19860124; DE 3679536 T 19861220; DK 5087 A 19870106; JP 1261887 A 19870123; NO 870290 A 19870123; US 700487 A 19870127