

Title (en)  
Offset printing machine

Title (de)  
Offsetdruckmaschine

Title (fr)  
Presse d'impression offset

Publication  
**EP 1277575 B2 20100120 (DE)**

Application  
**EP 02023919 A 19950818**

Priority  
• DE 4430693 A 19940830  
• EP 01101495 A 19950818  
• EP 95113017 A 19950818

Abstract (en)  
[origin: EP0699524A2] The offset printing machine has at least one printing unit with at least one forme and one transmission cylinder, together with at least one folding unit and a drive. for each printing unit, at least one of these cylinders is in drive connection with a separate electric motor (7). This cylinder (1.1,1.2,2.1,2.2) is not in mechanical drive connection with a cylinder driven directly or indirectly by a separate electric motor. With a printing unit with several printing mechanisms working on conjunction with one another a forme or transmission cylinder is driven by an electric motor and this cylinder is in drive connection via face wheels with the further forme and transmission cylinders and selectively with a satellite cylinder.

IPC 8 full level  
**B41F 13/00** (2006.01); **B41F 13/004** (2006.01); **B41F 13/008** (2006.01); **B41F 13/28** (2006.01); **B41F 31/00** (2006.01); **B41F 31/14** (2006.01); **B41F 33/00** (2006.01); **B41F 33/08** (2006.01); **B41F 33/10** (2006.01)

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**B41F 13/0045** (2013.01 - EP US); **B41F 13/28** (2013.01 - EP US); **B41F 31/004** (2013.01 - EP US); **B41P 2213/734** (2013.01 - EP US)

Citation (opposition)  
Opponent :  
• GB 2149149 A 19850605 - ROCKWELL GRAPHIC SYST  
• JP H0564882 A 19930319 - HAMADA INSATSU KIKAI KK  
• US 5309833 A 19940510 - GUARALDI GLENN A [US]  
• US 2022696 A 19351203 - TOMLIN JOHN R, et al  
• DE 4214394 A1 19931104 - ASEA BROWN BOVERI [CH]

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**EP 0699524 A2 19960306; EP 0699524 A3 19970205; EP 0699524 B1 20011031; EP 0699524 B2 20091111;** DE 4430693 A1 19960307; DE 4430693 B4 20051222; DE 59509776 D1 20011206; DE 59510638 D1 20030515; DE 59510955 D1 20041111; DE 59510957 D1 20041111; EP 1132202 A1 20010912; EP 1132202 B1 20041006; EP 1277575 A1 20030122; EP 1277575 B1 20041006; EP 1277575 B2 20100120; EP 1493563 A2 20050105; EP 1493563 A3 20091125; EP 1493564 A1 20050105; JP 2005313655 A 20051110; JP 2007290403 A 20071108; JP 2008230252 A 20081002; JP 3059081 B2 20000704; JP H0885196 A 19960402; JP H11147305 A 19990602; US 6408748 B1 20020625

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