

Title (en)  
Printing unit with disengageable bearing attachment

Title (de)  
Druckwerk mit lösbarer Lagerbefestigung

Title (fr)  
Unité d'impression avec fixation de paliers détachable

Publication  
**EP 0596244 B1 19960417 (DE)**

Application  
**EP 93115538 A 19930927**

Priority  
US 96714192 A 19921027

Abstract (en)  
[origin: US5241905A] A printing unit (10) includes a blanket cylinder (20), a bearing assembly (56) and a door assembly (72). The blanket cylinder (20) carries a tubular printing blanket (36). The bearing assembly (56) includes a bearing housing (58) fixed to the stub shaft (50) on the end of the blanket cylinder (20). The door assembly (72) includes a door (82) which is supported for pivotal movement on a frame wall (22) of the printing unit (10). The door (82) has a closed position in which it extends across an opening (76) in the frame wall (22), and an open position in which it does not extend across the opening (76) in the frame wall (22). A clamping assembly clamps the bearing housing (58) on the door (82) when the blanket cylinder (20) rotates during a printing operation. The clamping assembly includes a first clamp (100) which fixed to the door (82) and a second clamp (102) which is supported on the door (82) for movement relative to the first clamp (100). The first clamp (100) is engaged with the bearing housing (58) when the door (82) is closed. The second clamp (102) is movable into and out of engagement with the bearing housing (58) when the door (82) is closed. The door assembly (72) is movable with the blanket cylinder (20) for throw-off.

IPC 1-7  
**B41F 13/20**; **B41F 27/10**; **B41F 13/32**

IPC 8 full level  
**B41F 13/24** (2006.01); **B41F 13/20** (2006.01); **B41F 27/10** (2006.01)

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**B41F 13/20** (2013.01 - EP US); **B41F 27/105** (2013.01 - EP US); **B41P 2227/20** (2013.01 - EP US); **B41P 2227/21** (2013.01 - EP US)

Cited by  
EP0881071A3; US5868071A; US7571678B2; WO2005063488A1; WO9911460A1

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DOCDB simple family (publication)  
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DOCDB simple family (application)  
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