

Title (en)

Drive for several transfer cylinders of a printing machine

Title (de)

Antrieb für mehrere Übertragungszylinder einer Druckmaschine

Title (fr)

Entraînement pour plusieurs cylindres de transfert d'une machine à imprimer

Publication

**EP 0778128 B1 20000426 (DE)**

Application

**EP 96119437 A 19961204**

Priority

DE 19545114 A 19951204

Abstract (en)

[origin: EP0778128A1] The drive is for a digital printing press. Only one (2) of its several transfer cylinder (1, 2) is connected to a motor (6). The transfer cylinders are connected to each other by lashing rings (9, 10), which roll back against each other under initial tension. The initial tension is set to provide sufficient synchronisation between the transfer cylinders. The cylinders may each have a lashing ring at each axial end. The initial tension of two cylinders rolling against each other is considerably greater than the pressing force between them multiplied by the grip friction coefficient.

IPC 1-7

**B41F 1/00**; **B41F 13/21**; **B41F 13/008**

IPC 8 full level

**B41F 1/00** (2006.01); **B41F 13/00** (2006.01); **B41F 13/008** (2006.01); **B41F 13/08** (2006.01); **B41F 13/21** (2006.01); **B41F 33/08** (2006.01)

CPC (source: EP US)

**B41F 13/008** (2013.01 - EP US); **B41F 13/21** (2013.01 - EP US); **B41P 2227/70** (2013.01 - EP US)

Cited by

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DE FR GB NL

DOCDB simple family (publication)

**DE 19545114 A1 19970605**; AU 721243 B2 20000629; AU 7412596 A 19970612; DE 59605036 D1 20000531; EP 0778128 A1 19970611; EP 0778128 B1 20000426; JP H09174803 A 19970708; US 5809883 A 19980922

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**DE 19545114 A 19951204**; AU 7412596 A 19961204; DE 59605036 T 19961204; EP 96119437 A 19961204; JP 32371096 A 19961204; US 75938896 A 19961204