

Title (en)  
Direct drive

Title (de)  
Direktantrieb

Title (fr)  
Entraînement à prise directe

Publication  
**EP 1920925 A3 20101222 (DE)**

Application  
**EP 07012037 A 20070620**

Priority  
DE 102006052763 A 20061109

Abstract (en)  
[origin: EP1920925A2] The drive (10) has a disc spring (9) for mechanical connections of the drive with a stationary counter bearing (5), and a rotor (7) connected with a shaft (2) of a printing machine cylinder (1). The disc spring is attached directly or indirectly to an external casing of the drive. The disc spring is flexibly designed in a direction of a motor axis for compensation of axial movements of the printing machine cylinder shaft.

IPC 8 full level  
**B41F 13/004** (2006.01)

CPC (source: EP US)  
**B41F 13/0045** (2013.01 - EP US)

Citation (search report)

- [X] EP 0689277 A2 19951227 - ROLAND MAN DRUCKMASCH [DE]
- [X] EP 1652665 A1 20060503 - ROLAND MAN DRUCKMASCH [DE]
- [A] EP 1493563 A2 20050105 - ROLAND MAN DRUCKMASCH [DE]
- [A] EP 1431034 A2 20040623 - KOENIG & BAUER AG [DE]
- [A] DE 2453163 A1 19760513 - BROSE & CO METALLWERK MAX

Cited by  
CN102431055A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1920925 A2 20080514; EP 1920925 A3 20101222; EP 1920925 B1 20121031**; DE 102006052763 A1 20080515; US 2008110356 A1 20080515; US 7854198 B2 20101221

DOCDB simple family (application)  
**EP 07012037 A 20070620**; DE 102006052763 A 20061109; US 86987107 A 20071010