

Title (en)

Direct drive of a printing machine

Title (de)

Direktantrieb einer Druckmaschine

Title (fr)

Entraînement direct d'une machine d'impression

Publication

EP 1777068 B1 20090812 (DE)

Application

EP 06122396 A 20061017

Priority

DE 102005050651 A 20051020

Abstract (en)

[origin: EP1777068A2] u The device comprises an electro-motor (3) whose rotor (14) is arranged coaxially to the cylinder (1) and is firmly connected with it. It has a stator (15) and a frame construction (2) in which the cylinder is axially, slidably mounted and held. The rotor and the stator are dimensioned in such a way with the cylinder and coupled relative to the frame construction. The stator is fixed to receiving housing (9) of the electro-motor on an outer ring (7) of the bearing of the cylinder in the frame construction~s roller bearing (5). There may be a linear guide (8) that is slidable in the bearing of the cylinder~s roller bearing perpendicular to the rotation axis (A) of the cylinder.

IPC 8 full level

B41F 13/004 (2006.01)

CPC (source: EP US)

B41F 13/0045 (2013.01 - EP US); **B41F 13/20** (2013.01 - EP US); **B41P 2213/126** (2013.01 - EP US)

Cited by

CN111376729A; CN116404771A

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

EP 1777068 A2 20070425; EP 1777068 A3 20080123; EP 1777068 B1 20090812; AT E439237 T1 20090815; DE 102005050651 A1 20070426; DE 502006004493 D1 20090924; US 2007090721 A1 20070426; US 7576464 B2 20090818

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EP 06122396 A 20061017; AT 06122396 T 20061017; DE 102005050651 A 20051020; DE 502006004493 T 20061017; US 58110706 A 20061013