

Title (en)

Position adjusting device for rotary body with direct drive

Title (de)

Vorrichtung zur Lageverstellung eines Drehkörpers mit Direktantrieb

Title (fr)

Dispositif de réglage de position d'un corps rotatif à entraînement direct

Publication

EP 1431034 B1 20060215 (DE)

Application

EP 03026101 A 20031113

Priority

DE 10260491 A 20021221

Abstract (en)

[origin: EP1431034A2] Device for position adjustment of a rotating body or plate cylinder with a direct drive in a rotary printing machine, whereby the plate cylinder (1) can be axially adjusted within a housing (4) and an electric motor direct drive is formed from a rotor (15) that is directly coupled to the cylinder and a fixed concentric stator (13) supported on the rotor. Rotor and stator are separated by roller bearings in an axially play-free manner. Stator and housing have an axial register drive (7) and driven draw spindle for their relative displacement. The invention also relates to a corresponding rotary print machine with an inventive position adjustment device.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP2067619A3; DE102004048315A1; EP1777068A3; EP1724113A3; CN111204113A; EP1920925A3; US7497163B2; WO2018120377A1; EP1777068A2; US7814829B2

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