

Title (en)

Bearing units for a printing cylinder in a printing machine

Title (de)

Lagereinheiten für einen Druckwerkszylinder einer Druckmaschine

Title (fr)

Unités de support pour un cylindre d'impression d'une machine d'impression

Publication

EP 2006097 A3 20120111 (DE)

Application

EP 08152503 A 20080310

Priority

DE 102007024767 A 20070526

Abstract (en)

[origin: EP2006097A2] Bearing unit (01) comprises a bearing outer ring (09) arranged in a bearing housing (07) to move in a plane perpendicular to the axis of the bearing unit using piezoelectric adjusting elements. An independent claim is also included for a method for reducing oscillating amplitudes of a bending mold of a printing couple cylinder. Preferred Features: The piezoelectric adjusting elements are arranged at an angle of 80-100% in relation to the bearing axis. A spring arrangement is arranged opposite the piezoelectric adjusting elements. The plane of the adjusting elements extends perpendicular to the axis of the bearing unit.

IPC 8 full level

B41F 13/24 (2006.01); **B41F 13/26** (2006.01); **B41F 13/30** (2006.01)

CPC (source: EP)

B41F 13/24 (2013.01); **B41F 13/26** (2013.01); **B41F 13/30** (2013.01)

Citation (search report)

- [XDAI] WO 2006061432 A1 20060615 - KOENIG & BAUER AG [DE], et al
- [A] DE 10236865 A1 20040226 - KOENIG & BAUER AG [DE]

Cited by

DE102009002899B3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007024767 A1 20081127; **DE 102007024767 B4 20100624**; EP 2006097 A2 20081224; EP 2006097 A3 20120111; EP 2006097 B1 20121024

DOCDB simple family (application)

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