

Title (en)

Method and device for powering printing plate cylinders

Title (de)

Vorrichtung und Verfahren zum Antreiben von Druckformzylindern

Title (fr)

Dispositif et procédé destinés à l'entraînement de cylindres de formage sous pression

Publication

**EP 1872944 A3 20080702 (DE)**

Application

**EP 07111389 A 20070629**

Priority

DE 102006030286 A 20060630

Abstract (en)

[origin: EP1872944A2] The device has printing block cylinders (PZ) connected with a drive of a printing machine by a coupling (4), a drive wheel (5) at a plate cylinder shaft, and a gear wheel (6) during a printing operation, where the block cylinders are detachable from the drive. Each block cylinder is assigned to an inking system and a damping unit with a drive (M), which is decentralized independent of the printing machine drive. A drive wheel (1) at a drive shaft of an ink feed roller, a drive belt (2) and a drive wheel (3) at a plate cylinder are provided between the cylinders and the decentralized drives. An independent claim is also included for a method for implementing auxiliary processes with a device.

IPC 8 full level

**B41F 13/008** (2006.01)

CPC (source: EP)

**B41F 13/008** (2013.01); **B41P 2213/25** (2013.01)

Citation (search report)

- [X] DE 10350098 A1 20040603 - HEIDELBERGER DRUCKMASCH AG [DE]
- [X] DE 10256294 A1 20040624 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] DE 10348828 A1 20040527 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by

US9403353B2; CN102712191A; AU2010334374B2; WO2011077350A1; US10414152B2

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 1872944 A2 20080102; EP 1872944 A3 20080702; EP 1872944 B1 20100804; EP 1872944 B2 20180103; EP 1872944 B9 20110105; EP 1872944 B9 20110302;** DE 102006030286 A1 20080103; DE 502007004621 D1 20100916

DOCDB simple family (application)

**EP 07111389 A 20070629;** DE 102006030286 A 20060630; DE 502007004621 T 20070629