

Title (en)

Device for powering printing plate cylinders

Title (de)

Vorrichtung zum Antreiben von Druckformzylindern

Title (fr)

Dispositif destiné à l'entraînement de cylindres de formage sous pression

Publication

EP 1872944 B1 20100804 (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)

Cited by

US9403353B2; CN102712191A; AU2010334374B2; US10414152B2; WO2011077350A1

Designated contracting state (EPC)

DE FR GB IT

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