

Title (en)

Device for reducing gear backlash

Title (de)

Vorrichtung zum Beseitigen von Zahnspiel

Title (fr)

Dispositif pour éliminer le jeu dans des engrenages

Publication

EP 0707958 B1 19980506 (DE)

Application

EP 95116029 A 19951011

Priority

DE 4437145 A 19941018

Abstract (en)

[origin: EP0707958A1] The backlash elimination device is for the gearwheels (9,11) of the spaced cylinders (02,03) of a rotary press. It has one cylinder (02) with an adjustable gear segment (13) engaged with the gearwheel of the other cylinder (03). The clearance between the cylinders can be adjusted during operation of the printing press. The gear segment of the first cylinder can be set relative to the first cylinder by a phase setting transmission (14). The phase position of the gear segment relative to the gearwheel of the first cylinder can be adjusted during operation.

IPC 1-7

B41F 13/012

IPC 8 full level

B41F 13/00 (2006.01); **B41F 13/012** (2006.01); **B41F 13/12** (2006.01); **B41F 13/24** (2006.01); **F16H 37/02** (2006.01); **F16H 55/18** (2006.01)

CPC (source: EP US)

B41F 13/012 (2013.01 - EP US); **Y10T 74/19623** (2015.01 - EP US); **Y10T 74/19679** (2015.01 - EP US)

Citation (examination)

DE 3901076 A1 19890803 - VOLKSWAGEN AG [DE]

Cited by

US10161496B2; WO2014209200A1

Designated contracting state (EPC)

CH DE FR GB IT LI SE

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EP 0707958 A1 19960424; **EP 0707958 B1 19980506**; DE 4437145 A1 19960502; DE 4437145 C2 19980409; DE 59502091 D1 19980610; JP 2710769 B2 19980210; JP H08210465 A 19960820; US 5746091 A 19980505

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