

Title (en)  
Drive for a printing machine

Title (de)  
Antrieb für eine Druckmaschine

Title (fr)  
Entraînement pour une machine à imprimer

Publication  
**EP 0846555 B1 20000119 (DE)**

Application  
**EP 97120694 A 19971126**

Priority  
DE 19650075 A 19961203

Abstract (en)  
[origin: US5927195A] A printing machine is disclosed, in particular a sheet-fed offset printing machine, in which a plurality of cylinders are coupled to one another via a continuous drive train, and at least two cylinders include a controllable drive. The controllable drive stresses the drive train in order to affect the tooth-flank contact of the gear train, which affects the angular position of the printing cylinders. By controlling the angular positions of the printing cylinders, precise registration is maintained during dynamic changes in the load on the gear train during the printing process. More specifically, blanket cylinders in the printing machine are each coupled to a position-controllable drive, which is controlled by applying a preferred position value in such a way that the gear train placed between two drives is stressed by a predefined angular amount.

IPC 1-7  
**B41F 13/004**

IPC 8 full level  
**B41F 13/00** (2006.01); **B41F 13/004** (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)  
**B41F 13/0045** (2013.01 - EP US); **B41P 2213/734** (2013.01 - EP US)

Cited by  
DE102007039221A1; DE102017204515B4; DE102006050552A1; EP2147787A3; DE102006050120A1; DE102017204515A1; EP1149697A3; WO2009049757A1

Designated contracting state (EPC)  
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)  
**US 5927195 A 19990727**; AT E188913 T1 20000215; DE 19650075 A1 19980604; DE 59701033 D1 20000224; EP 0846555 A1 19980610; EP 0846555 B1 20000119; JP 3002167 B2 20000124; JP H10157054 A 19980616

DOCDB simple family (application)  
**US 98460797 A 19971203**; AT 97120694 T 19971126; DE 19650075 A 19961203; DE 59701033 T 19971126; EP 97120694 A 19971126; JP 33292397 A 19971203