

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.

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

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