

Title (en)

DRIVE FOR THE RECIPROCATING MOTION OF THE DISTRIBUTORS OF AT LEAST ONE INKING UNIT OF A PRINTING UNIT OF A ROTARY OFFSET PRESS

Publication

**EP 0189827 B1 19900502 (DE)**

Application

**EP 86100745 A 19860121**

Priority

DE 3502863 A 19850129

Abstract (en)

[origin: US4711173A] The amount of travel and the phase of axial reciprocation for sets of distributing rollers provided on each of at least two inking units of a rotary printing unit are independently adjustable from a central location. For each of the inking units, one eccentric drive adjustable in reciprocating phase and in the stroke or amount of travel is connected to the end portion of an impression cylinder twice the size of associated plate cylinders so that the axial reciprocating movements of the distributing rollers are derived in synchronism with the rotation of the impression cylinder and in a ratio of 1:2 to the rotation of the associated plate cylinders. In one embodiment, a single bolt clamps the two eccentric drives one on top of the other to the end portion of the impression cylinder. In another embodiment, the two eccentrics drives are concentrically arranged in ring-fashion to permit separate clamping and unclamping of each of the four independent adjustments of the amount of travel and phase of reciprocation.

IPC 1-7

**B41F 31/14**

IPC 8 full level

**B41F 31/10** (2006.01); **B41F 31/14** (2006.01); **B41F 31/15** (2006.01); **B41F 31/32** (2006.01)

CPC (source: EP US)

**B41F 31/15** (2013.01 - EP US)

Cited by

EP0340428A3; DE4214709C2; US6220159B1; WO9908873A3

Designated contracting state (EPC)

AT CH FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0189827 A2 19860806**; **EP 0189827 A3 19880727**; **EP 0189827 B1 19900502**; AT E53792 T1 19900615; BR 8600508 A 19861021; DE 3502863 A1 19860731; DE 3502863 C2 19870212; JP H0580350 B2 19931108; JP S61175042 A 19860806; US 4711173 A 19871208

DOCDB simple family (application)

**EP 86100745 A 19860121**; AT 86100745 T 19860121; BR 8600508 A 19860129; DE 3502863 A 19850129; JP 1490186 A 19860128; US 82334586 A 19860128