

Title (en)
DEVICE FOR THE RELIABLE SHIFTING OF A PERFECTING PRINTING MACHINE

Publication
EP 0129637 B1 19880518 (DE)

Application
EP 84102209 A 19840302

Priority
DE 3315445 A 19830428

Abstract (en)
[origin: US4530283A] The turning cylinder and storage cylinder in a perfecting printing press is provided with changeover mechanisms having spring-loaded electromagnetically releasable latches and sensors for detecting latched adjustments. Moreover, a contactless sensor is provided for detecting clamping of the calendering suckers in the storage cylinder even when the cylinder is rotating. Contactless proximity switches determine the correct phase adjustments between the storage cylinder and the turning cylinder for both perfecting and first form printing. An access door and interlock guarantees that the cylinders are turned to a normal position and braked before the access door is opened, and the access door cannot be closed for subsequent printing until changeover has been completed. An indicator array indicates the sequence of adjustments to follow and abnormal conditions.

IPC 1-7
B41F 21/04

IPC 8 full level
B41F 21/04 (2006.01); **B41F 21/10** (2006.01); **B41F 33/06** (2006.01); **B41F 33/08** (2006.01); **B41F 33/14** (2006.01)

CPC (source: EP US)
B41F 21/108 (2013.01 - EP US)

Cited by
EP0155561A3; US9005284B2; EP0655329B2

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

DOCDB simple family (publication)
US 4530283 A 19850723; AT E34339 T1 19880615; BR 8401973 A 19841204; DE 3315445 A1 19841031; DE 3315445 C2 19870806; EP 0129637 A2 19850102; EP 0129637 A3 19850918; EP 0129637 B1 19880518; JP H0361589 B2 19910920; JP S59209874 A 19841128

DOCDB simple family (application)
US 60474084 A 19840427; AT 84102209 T 19840302; BR 8401973 A 19840427; DE 3315445 A 19830428; EP 84102209 A 19840302; JP 8425484 A 19840427