

Title (en)

DEVICE FOR APPLYING AND WITHDRAWING A PRESSURE CYLINDER ACTING ON THE FORM CYLINDER IN AN INTAGLIO PRINTING PRESS AND FOR EXECUTING A MAJOR LIFTING MOTION OF THIS PRESSURE CYLINDER TO ENABLE THE CHANGING OF THE FORM CYLINDER

Publication

EP 0054178 B1 19840815 (DE)

Application

EP 81109439 A 19811030

Priority

DE 3046989 A 19801212

Abstract (en)

[origin: US4381707A] In a rotogravure printing press, the two journal bearings of the impression cylinder are each connected to a double acting piston-cylinder unit for lifting and lowering the impression cylinder and are interconnected by a synchronizing shaft which is mounted thereon and is provided with pinions engaging racks fixed with respect to the frame of the press. The synchronizing shaft can be coupled to the journal bearings by at least one spring-biased multiple disc brake which is released when the impression cylinder executes a wide stroke for the purpose of cylinder replacement and during pressure application of the impression cylinder. The brake is actuatable for engagement at the end of a short stroke when pressure is withdrawn.

IPC 1-7

B41F 13/40

IPC 8 full level

B41F 13/40 (2006.01)

CPC (source: EP US)

B41F 13/40 (2013.01 - EP US)

Cited by

EP0142661A1; GB2190043A; FR2597791A1; GB2190043B; US7008903B2

Designated contracting state (EPC)

CH FR GB IT LI

DOCDB simple family (publication)

EP 0054178 A1 19820623; EP 0054178 B1 19840815; DE 3046989 A1 19820722; DE 3046989 C2 19871112; SU 1120921 A3 19841023; US 4381707 A 19830503

DOCDB simple family (application)

EP 81109439 A 19811030; DE 3046989 A 19801212; SU 3358871 A 19811201; US 32932781 A 19811210