

Title (en)

DEVICE FOR TENSIONING AND ALIGNING FLEXIBLE PRINTING PLATES ON THE PLATE CYLINDER OF A ROTARY PRINTING MACHINE

Publication

EP 0195280 B1 19900425 (DE)

Application

EP 86102500 A 19860226

Priority

DE 3510440 A 19850322

Abstract (en)

[origin: US4724762A] A device for clamping and aligning a flexible printing plate on a plate cylinder of a printing machine, the device having two clamping rails disposed in a channel formed in and extending in a direction parallel to the axis of the plate cylinder for receiving therein a leading and trailing edge of a printing plate disposed on the periphery of the printing cylinder at which a beginning and an end of a sheet are printed, guides disposed in the channel wherein the clamping rails are guidably movable generally in peripheral direction of the plate and clamping bolts cooperatively engaging at least one of the clamping rails for clamping the printing plate in peripheral direction of the plate cylinder includes at least one clamping spring carried by one of the clamping rails for biasing the one clamping spring in a direction of action of the tensile force of the flexible printing plate so as to hold the printing plate under pretensioning in a predeterminable nominal position and free of play.

IPC 1-7

B41F 27/12

IPC 8 full level

B41F 27/12 (2006.01)

CPC (source: EP US)

B41F 27/1231 (2013.01 - EP US)

Designated contracting state (EPC)

CH FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0195280 A2 19860924; EP 0195280 A3 19870616; EP 0195280 B1 19900425; DE 3510440 A1 19860925; DE 3510440 C2 19920416; JP S61220848 A 19861001; US 4724762 A 19880216

DOCDB simple family (application)

EP 86102500 A 19860226; DE 3510440 A 19850322; JP 6101886 A 19860320; US 3298687 A 19870327