

Title (en)

DEVICE TO CONTROL THE GRIPPERS FOR ROTARY SHEET PRINTING MACHINES

Publication

EP 0453843 A3 19920226 (DE)

Application

EP 91105473 A 19910406

Priority

DE 4013261 A 19900426

Abstract (en)

[origin: US5110109A] A gripper device for manually adjusting the position of a pair of gripper rows disposed on opposite sides of the periphery of double-size sheet-guiding cylinders, to a work and turn angle of exactly 180 DEG . Each of the gripper rows includes a cam follower roller and at least one cam follower roller is adapted to have its center-line displaced relative to the axis of the gripper shaft so that the distance between the axes can be varied.

IPC 1-7

B41F 21/04

IPC 8 full level

B41F 21/04 (2006.01); **B41F 21/10** (2006.01)

CPC (source: EP US)

B41F 21/10 (2013.01 - EP US)

Citation (search report)

- [A] DD 143152 A1 19800806 - SCHOENE HELMUT, et al
- [A] DE 3037723 A1 19810423 - ADAMOVSKA STROJIRNA NP [CS]

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 5110109 A 19920505; AT E107228 T1 19940715; BR 9101677 A 19911210; DE 4013261 C1 19910620; DE 59101915 D1 19940721; EP 0453843 A2 19911030; EP 0453843 A3 19920226; EP 0453843 B1 19940615; ES 2055936 T3 19940901; JP 2566690 B2 19961225; JP H04226357 A 19920817

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US 69228691 A 19910426; AT 91105473 T 19910406; BR 9101677 A 19910425; DE 4013261 A 19900426; DE 59101915 T 19910406; EP 91105473 A 19910406; ES 91105473 T 19910406; JP 9391491 A 19910424