

Title (en)
Device for laterally aligning sheets

Title (de)
Vorrichtung zum seitlichen Ausrichten von Bogen

Title (fr)
Dispositif pour aligner latéralement des feuilles

Publication
EP 1334829 A3 20051130 (DE)

Application
EP 03002276 A 20030201

Priority
DE 10205630 A 20020212

Abstract (en)
[origin: EP1334829A2] The mechanism to give the side alignment to sheets, at a sheet fed rotary printing press, has a grip system (4) linked to a drawing bar (6) with an axial sliding movement in the cylinder (1). A rotary uncoupling (8) is at the outer end, which works with a setting shaft (11) moved axially by the setting unit (14). The setting unit is a linear actuator, with a setting motor (22). A setting threading (12) is between the motor shaft (13) and the setting shaft, to convert the motor shaft rotation into a linear movement.

IPC 1-7
B41F 21/14; B65H 9/10

IPC 8 full level
B41F 21/05 (2006.01)

CPC (source: EP)
B41F 21/05 (2013.01); **B41P 2213/91** (2013.01)

Citation (search report)
• [X] DE 3644431 A1 19880901 - KOENIG & BAUER AG [DE]
• [DA] EP 0753407 A2 19970115 - HEIDELBERGER DRUCKMASCH AG [DE]
• [A] US 6264196 B1 20010724 - LOETSCH KURT [DE]

Cited by
DE102008047328A1; DE102008047328B4; CN101683780A; DE102009041230B4; DE102009041230A1; US8146915B2; USRE45028E; DE102009041230C5

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1334829 A2 20030813; **EP 1334829 A3 20051130**; **EP 1334829 B1 20070411**; DE 10205630 A1 20030814; DE 50306987 D1 20070524

DOCDB simple family (application)
EP 03002276 A 20030201; DE 10205630 A 20020212; DE 50306987 T 20030201