

Title (en)

DEVICE FOR FIXING THE RELATIVE POSITION BETWEEN A TOOTHED GEAR AND A COAXIALLY TOOTHED RING IN A ROTARY SHEET PRINTING MACHINE

Publication

EP 0346619 A3 19900530 (DE)

Application

EP 89108714 A 19890516

Priority

DE 3820026 A 19880613

Abstract (en)

[origin: EP0346619A2] In the device for the non-positive coupling of the turning apparatus in a rotary sheet printing machine, a fixed toothed gear (1) and an adjustable toothed gear (5), which can be adjusted in the rotational position relative to the fixed toothed gear, can be braced together by means of an actuatable tensioning element (7) and a clamping plate (6) which is supported against the one toothed gear (5) and is held by the tensioning element (7) on the other toothed gear (1). Both toothed gears (1, 5) have additional friction elements (10, 11) which engage in one another in an overlapping fashion in the manner of a multiple disc clutch, the clamping plate (6) being supported by a pressure ring (9) in the overlapping region against an outlying friction element. The friction elements consist advantageously of friction discs (10, 11). <IMAGE>

IPC 1-7

B41F 13/00

IPC 8 full level

B41F 21/10 (2006.01); **B41F 13/00** (2006.01)

CPC (source: EP US)

B41F 13/0008 (2013.01 - EP US); **Y10T 74/19893** (2015.01 - EP US); **Y10T 74/19912** (2015.01 - EP US)

Citation (search report)

- [A] DE 2901236 A1 19791031 - POLYGRAPH LEIPZIG
- [A] GB 1253525 A 19711117 - HARDY NORMAN SAMUEL
- [A] GB 817354 A 19590729 - REYROLLE A & CO LTD
- [AD] DE 3611325 A1 19871008 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by

EP0875375A1; EP1393901A3; EP1400354A3; EP1400355A3; EP1437219A3; EP1437220A3; EP1437221A3; US6695114B2

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0346619 A2 19891220; EP 0346619 A3 19900530; EP 0346619 B1 19921104; AU 3628389 A 19891214; CN 1011768 B 19910227; CN 1038791 A 19900117; DE 3820026 A1 19891214; DE 3820026 C2 19910829; DE 58902599 D1 19921210; JP H0230534 A 19900131; US 5048362 A 19910917

DOCDB simple family (application)

EP 89108714 A 19890516; AU 3628389 A 19890609; CN 89103766 A 19890612; DE 3820026 A 19880613; DE 58902599 T 19890516; JP 14854989 A 19890613; US 36559689 A 19890613