

Title (en)
FLEXOGRAPHIC PRINTING MACHINE WITH SEVERAL PRINTING UNITS AND FORME CYLINDERS

Publication
EP 0177886 A3 19880601 (DE)

Application
EP 85112436 A 19851001

Priority
DE 3437216 A 19841010

Abstract (en)
[origin: ES8608408A1] A flexographic printing press comprising a plurality of inking units and plate cylinders and at least one impression cylinder, which is driven by a coaxial central gear in mesh with the gears of the plate cylinders rotatably mounted on plate cylinder carriages, which are adapted to move toward and away from the impression cylinder on tracks provided in the machine frame. That printing press is characterized in that each plate cylinder gear has a projection or hub provided on its periphery with angularly spaced detent bores equal in number to the plate cylinders and disposed on respective axially spaced peripheral lines. The plate cylinder carriages have detent pins, which are axially or angularly movable and are disposed in respective radial planes and are offset relative to each other so that each pin is adapted to enter that detent bore of that plate cylinder, which has a detent bore at a corresponding axial location. The detent bore of each plate cylinder has such an angular position that when the plate cylinders have been located on the plate cylinder carriages by means of the detent bores and the detent pins and the central gear has been adjusted to the proper angular position, the plates on the plate cylinders will be adjusted for printing in perfect register when the plate cylinders are caused to mesh with the central gear.

IPC 1-7
B41F 5/24; **B41F 7/24**

IPC 8 full level
B41F 5/24 (2006.01); **B41F 13/12** (2006.01)

CPC (source: EP US)
B41F 5/24 (2013.01 - EP US)

Citation (search report)
• [Y] GB 2111912 A 19830713 - WINDMOELLER & HOELSCHER
• [Y] US 3983808 A 19761005 - JACKSON JOHN MAXWELL

Cited by
CN105882112A; FR2624432A1; EP2902200A1; RU2672024C2; US7100509B2; WO03066332A3

Designated contracting state (EPC)
FR GB IT SE

DOCDB simple family (publication)
EP 0177886 A2 19860416; **EP 0177886 A3 19880601**; **EP 0177886 B1 19900816**; CA 1249481 A 19890131; DE 3437216 A1 19860410; DE 3437216 C2 19900208; DK 163871 B 19920413; DK 163871 C 19920914; DK 462785 A 19860411; DK 462785 D0 19851009; ES 547731 A0 19860716; ES 8608408 A1 19860716; JP S6194760 A 19860513; US 4602562 A 19860729

DOCDB simple family (application)
EP 85112436 A 19851001; CA 491055 A 19850918; DE 3437216 A 19841010; DK 462785 A 19851009; ES 547731 A 19851009; JP 22596185 A 19851009; US 77687785 A 19850917