

Title (en)

Apparatus and method of mounting a printing plate onto a narrow gap cylinder.

Title (de)

Gerät und Verfahren zum Montieren einer Druckplatte auf einen engspaltigen Zylinder.

Title (fr)

Appareil et procédé pour fixer une plaque d'impression sur un cylindre de fente étroite.

Publication

EP 0453794 A1 19911030 (EN)

Application

EP 91104754 A 19910326

Priority

US 51353890 A 19900424

Abstract (en)

A narrow gap printing plate mounting apparatus includes a printing plate (10) with a substantially curved, preferably involute tail member (24) at one end of a printing plate body (12) which is received through a narrow mating gap (20) in a rotary cylinder (18) and held against correspondingly curved cavity wall (28) by means of a resilient locking member (30). The locking member (30) presses the curved tail member (24) against the curved wall (28) in a direction which is substantially normal thereto to reduce longitudinal strain on the tail member (24). Another tail member (22) is inserted at the leading edge (20A) of the gap (20) while the curved tail member (24) presses against the lagging edge (20B) of the slot (24). When removing the plate from the cylinder (18), the curved tail member (24) at the lagging edge (20B) is removed first. <IMAGE>

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B41F 27/12

IPC 8 full level

B41F 27/12 (2006.01)

CPC (source: EP)

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Citation (search report)

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- [A] US 4214530 A 19800729 - GLANZNER GARY C [US], et al
- [A] DE 2334127 A1 19750123 - KOENIG & BAUER AG

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EP 0453794 A1 19911030; EP 0453794 B1 19941026; CA 2038809 A1 19911025; CA 2038809 C 19981208; DE 453794 T1 19920206; DE 69104764 D1 19941201; DE 69104764 T2 19950504; JP H04224954 A 19920814

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