

Title (en)
TRANSFER PRESS

Publication
EP 0283810 B1 19920129 (DE)

Application
EP 88103484 A 19880305

Priority
DE 3709762 A 19870325

Abstract (en)
[origin: US4881398A] During a tool change, the template is to be moved dimensionally accurately into the idling stage of a transfer press and out of the same on support elements at the sliding table in the tool space of the transfer press. This requires a dimensionally accurate coupling. A gripping and holding device is provided in the idling stage for the insertion and retraction of a mounting bolt into a, respectively, out of a mounting bushing. The mounting bushing is thereby rotatably supported at the template and forms, on the one hand, a first bayonet-like connection by means of the mounting bolt, a guide groove machined into the same and a cylindrical pin engaging into this guide groove and, on the other, a second bayonet-like connection by means of a retaining plate, a cylindrical pin provided in the same and a mounting groove machined into the mounting bushing. These connections operate one after the other by rotation of the mounting bolt by means of an adjusting means. The arrangement can be used in a transfer press with an idling stage between press columns.

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B21D 43/05

IPC 8 full level
B21D 43/05 (2006.01)

CPC (source: EP US)
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Cited by
EP0383168A3; US10427202B2; EP3083097B1

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EP 0283810 A2 19880928; EP 0283810 A3 19890719; EP 0283810 B1 19920129; CA 1279467 C 19910129; DE 3709762 A1 19881006; DE 3868096 D1 19920312; ES 2029857 T3 19921001; US 4881398 A 19891121

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EP 88103484 A 19880305; CA 562281 A 19880324; DE 3709762 A 19870325; DE 3868096 T 19880305; ES 88103484 T 19880305; US 17231188 A 19880323