

Title (en)
Dual lane conversion system.

Title (de)
Zweispurenumwandlungssystem.

Title (fr)
Système de conversion à deux voies.

Publication
EP 0543297 A1 19930526 (EN)

Application
EP 92119489 A 19890109

Priority
• EP 89901955 A 19890109
• US 14358588 A 19880113

Abstract (en)
A press for converting work pieces into finished parts has an elongated bolster (20) mounted on a press bed (14). The bolster (20) supports columns (24) on which a ram (36) is slidable. The bolster (20) also supports the lower die shoe (42) of the press tooling. A conveyor (56) or transfer system mounted on the bolster (20) carries work pieces into and out of the area of the tooling. The bolster (20) is a unitary piece which integrates support of the die shoe (42), columns (24) and conveyor (56) to assure proper cooperation and alignment among them. A pivotable carrier (58) mounts a feed mechanism (136) for feeding a stock strip (140) into the tooling. Power to the feed mechanism (136) is supplied through a shaft (128) which is coaxial with the hinge line (124) of the carrier (58), so that the carrier (58) can be swung away from the tooling for service access without requiring disconnection of the power supply. A traveling vacuum box (44) on the lower die shoe (42) supports the conveyor (56) for vertical as well as longitudinal motion, and retains the work pieces on the conveyor (56). <IMAGE>

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IPC 8 full level
B21D 51/38 (2006.01)

CPC (source: EP)
B21D 51/383 (2013.01)

Citation (search report)
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• [Y] US 4546873 A 19851015 - DEBENHAM MICHAEL [AU], et al
• [A] GB 2010204 A 19790627 - STOLLE CORP
• [A] GB 2053830 A 19810211 - STOLLE CORP

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