

Title (en)
Die cutters.

Title (de)
Stanzwerkzeuge.

Title (fr)
Outils d'estampage.

Publication
EP 0395816 A2 19901107 (EN)

Application
EP 89311566 A 19891108

Priority
US 34640689 A 19890502

Abstract (en)
A die cutting press and a method of die cutting include two opposing and oppositely driven clamping bars (22,24) which move together to clamp the die board (14) and accurately position the clamped die board (14) at a predetermined location within the press. The press is operated to determine the adequacy of the cut produced by the die (15) in sheet material fed into the press. If the cut is unsatisfactory, the opposing clamp bars (22,24) are quickly driven apart thereby releasing the die board (14). The die board (14) can be removed from the press and then manipulated or modified to cure any imperfection in the cut. The modified die board (14) is then reinserted into the press and accurately repositioned at the predetermined location within the press by driving the opposing clamping bars (22,24) towards each other against the die board (14). The drive mechanism (21,23) of the clamping bars (22,24) ensures that when the die board (14) is securely clamped, the die board (14) will always be accurately repositioned in the same press at exactly the location assumed by the die board (14) when it was inserted. The opposing moving clamps (22,24) automatically move the die board (14) to the predetermined position without the need for measurement, registration or concern for variations in tolerances within a jig.

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B26D 7/26

IPC 8 full level
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