

Title (en)

Combination die and die support structures.

Title (de)

Zusammensetzung von Gesenk und Anordnungen von Gesenkkunterstützungen.

Title (fr)

Combinaison de matrice et structures de support de matrice.

Publication

**EP 0090621 A2 19831005 (EN)**

Application

**EP 83301693 A 19830325**

Priority

US 36327482 A 19820329

Abstract (en)

The task of securing dies (26, 36) of a die set (24) to appropriate supports (15, 16) such as for example, the die shoes of a set of die shoes or to upper and lower platens (12) of a punch press so that the dies are in precise alignment can be simplified by utilising expandable diameter fasteners (48, 50) to secure the dies to the supports. Each fastener used is located within a hole (44) extending through one of the dies and within an aligned hole (46) in the adjacent support. The fasteners used are of such a character as to be capable of firmly securing the dies and the supports even if such holes of a set of such holes are of not precisely the same diameter. Preferably each die is secured in place utilising at least two of such fasteners.

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IPC 8 full level

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