

Title (en)

Composed die set for drawing press.

Title (de)

Zusammengesetztes Ziehwerkzeug für eine Ziehpresse.

Title (fr)

Jeu d'outils composites pour presse d'emboutissage.

Publication

**EP 0317412 B1 19940518 (FR)**

Application

**EP 88402846 A 19881114**

Priority

FR 8715710 A 19871113

Abstract (en)

[origin: EP0317412A1] The combination tool set comprising plates in order to cause the relative displacement of a punch in relation to a die and a blank- holder maintaining a blank against the edge of the die during the relative displacement of the punch and the die, characterised in that the die (5) comprises a working portion (16) made of metal which engages with a working portion (26) of the punch (8) also made of metal and with a working portion (34) of the blank-holder (6) also made of metal, one at least of the working portions (16, 26, 34) being supported by a body made of plasticised concrete (12, 12a, 12b) contained in a vessel or case (10, 28, 33) connected to a soleplate carried by the press. <IMAGE>

IPC 1-7

**B21D 37/20**

IPC 8 full level

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CPC (source: EP)

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