

Title (en)

Device for making, by pressing a frustroconical hole in a metal strip material in particular, a lock casing

Title (de)

Vorrichtung zum Herstellen durch Stanzen eines kegelstumpfförmigen Lochs in einem Metallbandmaterial insbesondere einer Stulpschiene

Title (fr)

Outilage pour le façonnage par emboutissage d'un orifice à embouchure tronconique dans un matériau métallique en bande, notamment têtère

Publication

EP 0879656 B1 19991013 (FR)

Application

EP 98440095 A 19980512

Priority

FR 9706280 A 19970520

Abstract (en)

[origin: EP0879656A1] Tooling for press shaping a hole (2) with a truncated mouth (3) in a metal strip (4), comprising at least one punch (9) and a die (10) with the following characteristics: a) the punch (9) incorporates a cylindrical part (11) of diameter (12) adjusted to that (13) of the hole (2) to be cut in the strip (4). This cylindrical part (11) makes up the extension of a truncated part (14) by pressing of the truncated opening (3); b) the die (10) incorporates a boring (15) with its section (16) adjusted to that of the cylindrical part (11) of the punch (9). The boring (15) presents, at the level of its wall (17), at least one groove (18, 18A) emerging in the upper face (19) of the die (10), facing the strip (4) to be shaped. These grooves (18, 18A) and the axis (20) of the boring (15) are aligned (21) essentially parallel to the longitudinal axis (22) of the strip (4) during shaping. Also claimed is a headstall produced by this tooling equipment.

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IPC 8 full level

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CPC (source: EP US)

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