

Title (en)
Punching apparatus for metallic profiles

Title (de)
Stanzvorrichtung metallischer Profile

Title (fr)
Outil de poinçonnage pour profilés métalliques

Publication
EP 0672479 B1 19971210 (FR)

Application
EP 95400309 A 19950214

Priority
FR 9402664 A 19940308

Abstract (en)
[origin: EP0672479A1] A punch tool is claimed for producing a metallic tubular section (1) of great length with a section closed upon itself and presenting two parallel opposing faces (2, 3) arranged horizontally, with one or preferably two identical rectangular openings (10, 11), the larger edges (12, 13) of these openings extending in the longitudinal direction of the section. The tool comprises a parallelepiped punch (16) of which the lower, lateral cutting blades (30, 31) are parallel to the larger edges of the openings, the width of the punch being equal to the smaller edges while its length is less than that of the larger edges. The punch is integral with a drive piston (17) that allows a dimension of length less than that of the punch, which consists of some upper transverse cutting blades (34) in order to successively form the smaller edges of the opening consecutively with the longitudinal displacement of the section in the throat prior to the return movement.

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B21D 28/24; **B21D 28/28**

IPC 8 full level
B21D 28/24 (2006.01); **B21D 28/28** (2006.01)

CPC (source: EP)
B21D 28/243 (2013.01); **B21D 28/28** (2013.01)

Cited by
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