

Title (en)

Device for forming a collared calibrated hole in plastically deformable walls

Title (de)

Vorrichtung zum Bilden eines von einem Kragen umgebenen, kalibrierten Loches in plastisch verformbaren Wandungen

Title (fr)

Dispositif pour former un trou calibré avec une collerette dans des parois plastiquement déformables

Publication

EP 0764481 B1 19980729 (DE)

Application

EP 96114587 A 19960912

Priority

DE 19534790 A 19950920

Abstract (en)

[origin: EP0764481A1] The punch has a mandrel, which is driven into the wall by pressure. A preformed bore (16) of average diameter is placed in the wall (2). The mandrel is formed as a calibrating mandrel (25) with conically undercut displacement collar (26), with a larger diameter than the bore. The mandrel also has a cylindrical calibrating shaft (27), also with a smaller diameter than the bore.

IPC 1-7

B21C 37/29; **B21D 19/10**

IPC 8 full level

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CPC (source: EP)

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