

Title (en)
Method and apparatus for manufacturing a metal element

Title (de)
Verfahren und Vorrichtung zum Herstellen eines metallischen Teils

Title (fr)
Appareil et procédé pour la fabrication d'un élément métallique

Publication
EP 0623408 B1 19990623 (EN)

Application
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Priority
IT TO930157 A 19930305

Abstract (en)
[origin: EP0623408A1] A method for the manufacture of a metal element (2) for a joint, the metal element (2) having a head (3) for coupling with a body of the joint and a shank (4) integral with the head (3) and having a blind hole (11) for positive engagement by a control member for the metal element (2); the method including the steps of producing a substantially cylindrical piece (17) of metal, of permanently cold deforming a first end portion (50) of the piece (17) by means of at least one first forming assembly (23, 24, 25) so as to form the head (3) and of cold extruding a second end portion (80) of the piece (17) so as to form the shank (4) and the blind axial hole (11) by means of at least one second forming assembly (26, 27). <IMAGE> <IMAGE>

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Cited by
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