

Title (en)

Method for the manufacture of screw bolts or threaded tie bars

Title (de)

Verfahren zur Herstellung von Gewindebolzen oder Gewindezugstangen

Title (fr)

Perfectionnement pour procédé de réalisation de goujons ou tirants filetés

Publication

**EP 0796680 B1 20021002 (FR)**

Application

**EP 97410029 A 19970311**

Priority

FR 9603770 A 19960319

Abstract (en)

[origin: EP0796680A1] The procedure consists of forming at least one threaded portion (5a, 5b) on the rod by deformation, together with an annular locking groove (2). Both threads and locking groove can be made simultaneously by means of pressure rollers, with the groove positioned between one of the rod's threaded portions and a non-threaded section. The threads and groove are made by at least one pressure roller and a disc with a rounded edge, the external diameter of the disc being greater than that of the roller, so that the locking groove is deeper than the threads.

IPC 1-7

**B21H 3/02**; F16B 33/02

IPC 8 full level

**B21H 3/02** (2006.01); **B21H 3/04** (2006.01); **B21H 7/18** (2006.01)

CPC (source: EP)

**B21H 3/022** (2013.01); **B21H 3/04** (2013.01); **B21H 7/187** (2013.01)

Cited by

EP2833006A1; CN103028683A; FR3009218A1; DE102007062437A1

Designated contracting state (EPC)

AT BE CH DE DK ES GB IE IT LI LU NL PT

DOCDB simple family (publication)

**EP 0796680 A1 19970924**; **EP 0796680 B1 20021002**; AT E225220 T1 20021015; DE 69715944 D1 20021107; DE 69715944 T2 20030828; DK 0796680 T3 20030210; ES 2184975 T3 20030416; FR 2746331 A1 19970926; FR 2746331 B1 19980515; PT 796680 E 20030228

DOCDB simple family (application)

**EP 97410029 A 19970311**; AT 97410029 T 19970311; DE 69715944 T 19970311; DK 97410029 T 19970311; ES 97410029 T 19970311; FR 9603770 A 19960319; PT 97410029 T 19970311