

Title (en)
DEVICE FOR HANDLING RETAINING RING BOLTS

Title (de)
VORRICHTUNG ZUR VERARBEITUNG VON SCHLIESSRINGBOLZEN

Title (fr)
DISPOSITIF POUR L'USINAGE DE TIGES A BAGUE DE SERRAGE

Publication
EP 1169152 B1 20041117 (DE)

Application
EP 01911422 A 20010206

Priority
• DE 0100444 W 20010206
• DE 20002354 U 20000210

Abstract (en)
[origin: US2002157226A1] Apparatus for setting retaining ring bolts. The apparatus includes having gripping jaws for drawing the bolt and a sleeve with an anvil for cold working the retaining ring. A supporting device is positioned projecting beyond the anvil from the device and being movable against the force of a spring element parallel to the longitudinal direction of the bolt in the direction of the device.

IPC 1-7
B21J 15/02

IPC 8 full level
B21J 15/00 (2006.01); **B21J 15/02** (2006.01)

CPC (source: EP US)
B21J 15/022 (2013.01 - EP US); **Y10T 29/53735** (2015.01 - EP US)

Cited by
DE10354680B4

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
US 2002157226 A1 20021031; AT E282492 T1 20041215; AU 4045801 A 20010820; DE 20002354 U1 20000420; DE 50104525 D1 20041223; EP 1169152 A1 20020109; EP 1169152 B1 20041117; ES 2236188 T3 20050716; JP 2003522027 A 20030722; WO 0158620 A1 20010816

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