

Title (en)

DEVICE FOR PRESSING IN OR PULLING OFF BEARINGS OR BUSHINGS, ESPECIALLY FOR AXLE BEARINGS AND/OR HUBS OF MOTOR CAR WHEEL FLANGES

Publication

**EP 0306738 B1 19910327 (DE)**

Application

**EP 88113295 A 19880817**

Priority

DE 3730017 A 19870908

Abstract (en)

[origin: US4870740A] A device for placing i.e., pressing in and pulling off, bearings or sleeves, in particular for axle bearings and/or wheel flange hubs of motor vehicles, includes a threaded spindle with an abutment shoulder and threaded nut, a cylindrical spacer tube with a loosely insertable front wall receiving a thrust step bearing. The device includes several axial pressure pieces which can be arranged exchangeably on the threaded spindle between the threaded nut and a workpiece. To achieve universal usability, the spacer tube is provided on one side with an end ring surface interrupted by at least one wall cutout and on the other side with a centering cone or a centering rabbet. The front wall is insertable into the spacer tube through a centering projection selectively from both end faces. In addition, the thrust step bearing is accommodated in a bearing insertion part which can be screwed into a central threaded bore of the front wall and can be replaced with the threaded spindle e.g. by a hydraulic pressing device.

IPC 1-7

**B25B 27/073**

IPC 8 full level

**B25B 27/02** (2006.01); **B25B 27/06** (2006.01); **B25B 27/073** (2006.01)

CPC (source: EP US)

**B25B 27/023** (2013.01 - EP US); **B25B 27/062** (2013.01 - EP US); **Y10T 29/53878** (2015.01 - EP US)

Cited by

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Designated contracting state (EPC)

AT BE CH ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

**US 4870740 A 19891003**; AT E61961 T1 19910415; DE 3730017 C1 19890126; DK 162747 B 19911209; DK 162747 C 19920504; DK 473688 A 19890309; DK 473688 D0 19880825; EP 0306738 A1 19890315; EP 0306738 B1 19910327; ES 2022556 B3 19911201; GR 3001987 T3 19921123

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**US 23854388 A 19880830**; AT 88113295 T 19880817; DE 3730017 A 19870908; DK 473688 A 19880825; EP 88113295 A 19880817; ES 88113295 T 19880817; GR 910400664 T 19910522