

Title (en)
DEVICE FOR PUSHING OUT THE HUB OF A WHEEL FLANGE OR A SPLINED FLANGE HUB OF A MOTOR CAR OR THE LIKE FROM A SHAFT BEARING

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EP 0215207 B1 19891206 (DE)

Application
EP 86108835 A 19860628

Priority
DE 3530726 A 19850828

Abstract (en)
[origin: US4682395A] A device to push a wheel flange hub or splined hub of motor vehicles out of a shaft bearing press-fitted in a bearing cylinder is of simple design and easy to handle and, in addition, adjustable to different diameters of various bearing cylinders. The device includes two each semi-cylindrical spreader sectors supported on the one hand by axial pins in eccentric axial holes in a supporting member resembling an internally threaded ring so they can swivel while having at their opposite ends projections which project radially outward and can be inserted in form closing fashion into an annular groove of the bearing cylinder. A threaded spindle equipped with a wrench engagement head and a spreading cone is adjustably screwed into a central, tapped hole of the supporting member by means of which threaded spindle the spreader sectors can be spread apart. Seated in a central, tapped hole of the threaded spindle is a pressure screw with a pressure transmitting part and a wrench head. The supporting member is provided with several pairs of holes, each pair located on the same radii of different size, to accommodate the pins of the spreader sectors.

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