

Title (en)

DEVICE FOR LOCKING AN AXIALLY MOVABLE COMPONENT OF A HYDRAULIC SYSTEM

Title (de)

VORRICHTUNG ZUM VERRIEGELN EINES AXIAL VERSCHIEBBAREN BAUTEILS EINER HYDRAULISCHEN ANLAGE

Title (fr)

DISPOSITIF DE VERROUILLAGE D'UN COMPOSANT DÉPLAÇABLE AXIALEMENT D'UNE INSTALLATION HYDRAULIQUE

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Application

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Abstract (en)

[origin: WO2011116877A1] The invention relates to a device for locking an axially movable component (2) of a hydraulic system, wherein the axially movable component (2) can be detachably fixed in a positively locking manner in at least one axial position by means of a detent mechanism (4) with at least one detent body (5), and with a release device (6) for releasing the respective detent body (5) from the axially movable component (2), wherein the detent mechanism (4) can be latched and released by means of a clamping piston (7) and using a force store (8), and wherein the clamping piston (7) can be moved in a working chamber (27) which can be charged with a clamping pressure, which device is characterized in that the clamping piston (7) can be adjusted at least into one switching position by a switching device (9), in that the clamping piston (7) can be acted on with the clamping pressure by means of the switching device (9) and, in said switching position, can be moved out of the latching position thereof by the force store (8) in the event of a withdrawal of the clamping pressure.

IPC 8 full level

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