

Title (en)

CORNER BEARING FOR TURN/TILT WINDOWS, DOORS OR THE LIKE

Title (de)

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Title (fr)

PALIER D'ANGLE POUR FENÊTRE OU PORTE PIVOTANTE OU BASCULANTE OU SIMILAIRE

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Abstract (en)

[origin: WO2010078977A1] The invention relates to a corner bearing, comprising a bearing block (2), which has two side members or flanges (4) that are arranged next to each other at a distance and protrude from the main plate (3), wherein a hinge pin (6) extending in a normal position relative to an axle pin is held between the flanges (4) in a tiltably mounted manner and displaceably sideways by way of an internal thread (8) by a horizontal axle pin (6) provided with an external thread (7). The hinge pin (10) engages in a hinge sleeve of a leaf hinge part. The axle pin (6) is provided at least on one of the ends (16) thereof with contact surfaces for an adjustment tool and coaxially thereto, bores (14) are provided in the flanges (4) of the bearing block (2). In order to maximize the utilization of the sheet metal strip and the load-bearing capacity of the bearing block, the axle pin (6) comprises at least one sleeve-like end (16), which extends through the bore (14) in a flange (4), wherein a collar (19) is provided on the sleeve (15) of the axle pin (6), said collar having a greater diameter than the sleeve (15) and the bore (17) in the flange (4). Furthermore, the invention relates to a method for producing the bearing block, allowing for a simple and cost-effective production of a bearing block having increased utility value.

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