Title (en)

POSITIVELY CONTROLLED HINGE FOR A CONCEALED ARRANGEMENT BETWEEN A FRAME AND LEAF

Title (de)

ZWANGSGESTEUERTES BAND FÜR EINE VERDECKTE ANORDNUNG ZWISCHEN ZARGE UND FLÜGEL

Title (fr)

BANDE ASSERVIE POUR UNE DISPOSITION RECOUVERTE ENTRE DORMANT ET VANTAIL

Publication

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Application

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Abstract (en)

[origin: WO2006072331A1] The invention relates to a hinge (100) for a concealed arrangement between a frame and leaf, particularly of a door or of a window, comprising a frame hinge part (1), a leaf hinge part (2), and a hinge bracket (3), which can pivot about a frame hinge axis (S) on the frame hinge part (1) and about a leaf hinge axis (T) on the leaf hinge part (2). The hinge also comprises a lever (10, 11), which is mounted on the hinge bracket (3) in a manner that enables it to pivot about a pivot axis (U) extending parallel to the frame hinge axis (S) and the leaf hinge axis (T), and comprises a detent pawl arrangement (8, 9), which is provided on the frame and leaf hinge parts (1, 2), has cam arrangements (18, 19) that interact with the lever (10, 11), and which causes, depending on the opening angle of the leaf, the pivoting either about the frame hinge axis (S) or about the leaf hinge axis (T). The cam arrangements (18, 19) and the lever (10, 11) are designed so that the lever (10, 11) pivots in a positively controlled manner.

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