

Title (en)

Door or window hinge with an axially fixed pin.

Title (de)

Tür- oder Fensterscharnier mit axialer Blockierung des Bolzens.

Title (fr)

Paumelle à blocage axial de la broche pour porte ou fenêtre.

Publication

EP 0263769 A1 19880413 (FR)

Application

EP 87440057 A 19870918

Priority

FR 8613785 A 19860930

Abstract (en)

[origin: US4864692A] A hinge for doors or windows which includes a first blade fitted to a door or window and a second blade attached firmly to the casing of the door or window. One of these blades is provided with a central knuckle placed in the free space between two end knuckles attached firmly to the other blade, and one pin engaged in these knuckles ensures the free rotation of one blade as compared to the other. The aforesaid central knuckle comprises, furthermore, a pore that opens into one or more housings into which are engaged plugs provided with jaws fitted with catches that enter into peripheral grooves made in the pin. These jaws take the shape of a cylinder with an outer diameter equal to the inner diameter of the boring of the housings, less twice, at least, the thickness of the catches.

Abstract (fr)

Une paumelle (1) pour porte ou fenêtre comportant une lame (3) fixée sur l'ouvrant, une deuxième lame (2) rendue solidaire du dormant de la porte ou fenêtre, l'une (3) de ces lames étant pourvue d'un charnon central (8) disposé dans l'espace libre entre deux charnons d'extrémité (4, 5) de l'autre lame (2) et comportant un alésage (9) débouchant dans un ou des logements (11) dans lequel ou lesquels sont engagés des bouchons (12) pourvus de mâchoires (19) munies de griffes (20) pénétrant dans des saignées périphériques (21) réalisées dans une broche (17) engagée dans les différents charnons (4, 8, 5) et assurant la libre rotation d'une lame par rapport à l'autre.

IPC 1-7

E05D 5/12

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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