

Title (en)

HINGE FITTING WITH A CHECK FOR TILT AND TURN WINDOWS

Title (de)

BESCHLAGANORDNUNG MIT EINER AUSSTELLVORRICHTUNG FÜR DREH-KIPP-FENSTER EN

Title (fr)

FERRURE DE CHARNIÈRE AVEC UN BRAS DE COMPAS POUR FENÊTRE PIVOTANTE ET BASCULANTE

Publication

EP 3440295 A1 20190213 (DE)

Application

EP 17712764 A 20170322

Priority

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Abstract (en)

[origin: WO2017174352A1] The invention relates to a fitting assembly for a window, a door, or the like, having an opening device (19), which comprises an opening arm (22) and a link (27) pivotably connected to the opening arm (22), wherein the link (27) can be coupled to a wing (5) of the window or of the door at a scissor plate (21) at a first coupling point, and wherein the opening arm (22), at a second coupling device (50), can be coupled to a scissor bearing, which can be fastened to the main frame of the window or of the door, in order to pivotably support the wing (5) on the main frame (2), wherein two parts of the supporting structure, which comprises the opening device (19) and the scissor bearing, can be fixed relative to each other in a variable manner in different positions in order to adjust the effective length (49) of the opening device (19), and wherein the two parts are connected to each other by means of at least one adjustable coupling element (32), which is designed, during the closing of the wing (5), to be automatically adjusted in such a way that an incorrect position of the wing (5) is corrected by changing the effective length (49) of the opening device (19). In order to achieve simple restoring of the effective length (49), which ideally occurs cyclically in normal use of the window or the door and which enables universal use of the fitting assembly, one of said parts according to the invention is the scissor plate (21) and the other of said parts is the link (27), wherein a plate (30) that can be adjusted relative to the scissor plate (21) is provided between the scissor plate (21) and the link (27), which plate has the pivot bearing of the link (27) and supports an eccentric (32), which acts between the scissor plate (21) and the pivot bearing, wherein force is applied to the eccentric (32) in a spreading manner by a first spring element (41).

IPC 8 full level

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Citation (search report)

See references of WO 2017174352A1

Cited by

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