

Title (en)

MULTI-POSITION WING FRAME ASSEMBLY AND MULTI-MODE FITTING SYSTEM

Title (de)

MEHRSTELLUNGSFLÜGELRAHMENANORDNUNG UND MULTIMODALES MONTAGESYSTEM

Title (fr)

ENSEMBLE CADRE D'AILE À POSITIONS MULTIPLES ET SYSTÈME D'AJUSTEMENT MULTI-MODE

Publication

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Application

**EP 19743039 A 20190604**

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Abstract (en)

[origin: WO2019235926A1] The invention relates to a wing frame assembly comprising a stationary outer frame, and an inner frame pivotally connected to the outer frame over multiple pivot axes. The assembly comprises a multi-mode fitting system between the outer frame and the inner frame which allows the inner frame to be moved into a closed position and into opened positions thereof wherein the inner frame is pivoted about one of the pivot axes relative to the outer frame. The fitting system comprises one or more interdependently rotatable multi-position axle members mounted to the inner frame along an associated side, at which side it either is allowed to pass the inner frame or engages it, such as to respectively either allow or block a movement of the side of the inner frame away from the outer frame, depending on a selection via a selector device of a pivot mode of the fitting system associated with opened positions of the inner frame while pivoting it over one of the pivot axes, or a locked mode of the fitting system associated only with the closed position of the inner frame. In pivot modes the axle member at the pivoting side blocks, and those at other sides allow the inner frame to move the respective side away from the outer frame by said passing or engaging of the inner frame. In the locked mode said movement is blocked at all sides.

IPC 8 full level

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