

Title (en)

METHOD FOR PIVOTING A LEAF USING A DRIVE DEVICE AND DRIVE DEVICE FOR PIVOTING A LEAF

Title (de)

VERFAHREN ZUM VERSCHWENKEN EINES FLÜGELS MIT EINER ANTRIEBSEINRICHTUNG UND ANTRIEBSEINRICHTUNG ZUM VERSCHWENKEN EINES FLÜGELS

Title (fr)

PROCÉDÉ POUR FAIRE PIVOTER UN BATTANT AU MOYEN D'UN DISPOSITIF D'ENTRAÎNEMENT ET DISPOSITIF D'ENTRAÎNEMENT POUR FAIRE PIVOTER UN BATTANT

Publication

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Application

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Abstract (en)

[origin: WO2022063959A2] The invention relates to a method (100) for pivoting a leaf (44), more particularly a door leaf or a window leaf, from a closed position (46) at an opening angle ( $\alpha$ ) of 0° to an open position (47) at an opening angle ( $\alpha$ ) of greater than 0° and/or from the open position (47) at the opening angle ( $\alpha$ ) of greater than 0° to the closed position (46) at the opening angle ( $\alpha$ ) of 0° by means of a leaf torque, wherein the leaf torque comprises a manual torque, more particularly generated by a person, and a drive torque, the drive torque being generated by means of a drive device (1) having a drive module, a closer module (11) and a control module (26), the drive module having an electric machine (6) comprising a, more particularly single, stator (36) and a, more particularly single, rotor (37), the closer module (11) having a, more particularly mechanical, stored energy source (13), the control module (26) having a control device, the drive torque comprising a machine torque generated indirectly or directly by the electric machine (6) and a closer torque generated by the closer module (11). At an opening angle ( $\alpha$ ) of greater than 0°, the machine torque is greater than 0 Nm. The invention also relates to a drive device (1) for carrying out the method.

IPC 8 full level

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