

Title (en)

DEVICE FOR THE ROTATABLE COUPLING OF A CLOSING ELEMENT, SUCH AS A LEAF, A DOOR OR THE LIKE, AND OF A STATIONARY SUPPORT STRUCTURE, SUCH AS A FRAME, AS WELL AS ASSEMBLY AND SYSTEM FOR THE ROTATABLE MOVEMENT OF A CLOSING ELEMENT COMPRISING SUCH DEVICE

Title (de)

VORRICHTUNG ZUM DREHBAREN VERBINDEN EINES SCHLIESSELEMENTES, FLÜGEL, TÜR ODER DERGLEICHEN

Title (fr)

DISPOSITIF D'ACCOUPLEMENT ROTATIF D'UN ÉLÉMENT DE FERMETURE, TEL QU'UN BATTANT, PORTE OU SIMILAIRE, ET D'UNE STRUCTURE DE SUPPORT FIXE, TELLE QU'UN CADRE, ENSEMBLE ET SYSTÈME POUR MOUVEMENT ROTATIF D'UN ÉLÉMENT DE FERMETURE COMPRENANT UN TEL DISPOSITIF

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Application

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Priority

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Abstract (en)

[origin: WO2023002387A1] A device for the rotatable coupling around a rotation axis (X) of a movable element (A), such as a door leaf, a door or the like, and a stationary support element, such as a frame, a wall or the like, one of the stationary element (S) and the movable element (A) comprising a male element (110'), the other of the stationary element (S) and the movable element (A) comprising a female element (120'), the latter being mutually engageable to rotate around the rotation axis (X). The device comprises a pivot (115) defining a first axis (X') defining the male element (110') and a main body (111) which comprises an operative surface (15) defining a first plane (n) substantially perpendicular to the rotation axis (X') designed to abut against the female element (120'). The pivot (115) is slidable along the axis (X') between a retracted position in which it does not protrude from the main body (111) with respect to the plane (n) and an extended position in which it protrudes from the plane (n) so as to be engaged with the female element (120'). The coupling device (110) further comprises first means (170) for promoting the sliding of the pivot (115) from the retracted position to the extended position, and second movement means (180) acting on the pivot (115) to promote the sliding thereof from the extended position to the retracted position. The movement means (180) can be selectively actuated from the external by an operator.

IPC 8 full level

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