

Title (en)

BLOCKING DEVICE OF A LOCKING SEQUENCE CONTROLLING DEVICE OF A TWO-LEAF ROTATING DOOR ASSEMBLY

Title (de)

BLOCKIEREINRICHTUNG FÜR EINE SCHLIESSFOLGEREGELUNGSVORRICHTUNG EINER ZWEIFLÜGELIGEN DREHTÜRANLAGE

Title (fr)

DISPOSITIF DE BLOCAGE POUR UN DISPOSITIF DE COMMANDE DE SÉQUENCE DE FERMETURE D'UNE INSTALLATION DE PORTE PIVOTANTE À DEUX BATTANTS

Publication

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Application

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Priority

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Abstract (en)

[origin: CN105220977A] The invention relates to a blocking device (20) for a locking sequence controlling device of a two-leaf rotating door assembly. The two-leaf rotating door assembly includes a top overlapped access door connected with a driven shaft of an actuating device and a bottom overlapped support door. The blocking device locks or releases the overlapped access door based on the position of the overlapped support door, and includes a coupling point for a mechanical transfer element acting on a motor drive shaft and a first braking element coupled with the motor drive shaft. The first braking element is a brake cone, and at least one braking fan-shaped part of a rotatable and axial movable pressing part acts on the brake cone. When the pressing part is in the locking status, a pressure spring squeezes along the axial direction to the direction of the brake cone and locks the rotational motion of the motor drive shaft in the closing direction. The mechanical transfer element makes the pressing part overcome the force of the pressure spring and move along the axial direction of the deviating from the brake cone in the release position, so that at least one braking fan-shaped part rises from the brake cone and releases the rotational motion of the motor drive shaft along the closing direction.

IPC 8 full level

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CPC (source: EP)

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