

Title (en)

SYSTEM FOR LOCKING A LEAF OF A LANDING DOOR

Title (de)

SYSTEM ZUM VERRIEGELN EINES FLÜGELS EINER SCHACHTTÜR

Title (fr)

SYSTEME DE VERROUILLAGE D'UN VANTAIL DE PORTE PALIERE

Publication

**EP 3717328 A1 20201007 (FR)**

Application

**EP 18827210 A 20181129**

Priority

- FR 1761371 A 20171129
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Abstract (en)

[origin: WO2019106310A1] The invention relates to a system (1) for locking a leaf of a loading bay landing door, the leaf being capable of translating horizontally in a plane of the leaf between open and closed positions, including: - a support rail mounted on the leaf and including a receiving notch; - a motor body (20) forming the stator of a motor (12) for driving the leaf and mounted to rotate freely about a driving axis on a gear block (30); - a locking roller (22) mounted to project from the body of the motor (20) and arranged so as to: - roll along the support rail during a movement of the leaf; and - be inserted, by a rotation of the engine body, into the receiving notch when the leaf reaches the closed position or the open position in order to lock same.

IPC 8 full level

**B61B 1/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2019106310A1

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Designated extension state (EPC)

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**FR 3074199 A1 20190531**; **FR 3074199 B1 20191101**; CN 111433104 A 20200717; CN 111433104 B 20211008; DK 3717328 T3 20220801; EP 3717328 A1 20201007; EP 3717328 B1 20220427; ES 2923436 T3 20220927; US 11773637 B2 20231003; US 2020355011 A1 20201112; WO 2019106310 A1 20190606

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