

Title (en)

DRIVE SYSTEM FOR PIVOTAL AND/OR SLIDABLE DOORS OR FOR ENTRY AND EXIT FACILITIES WITH IMPROVED POSITION ACQUISITION

Title (de)

ANTRIEBSSYSTEM FÜR VERSCHENBAREN UND/ODER VERSCHIEBBAREN TÜREN ODER FÜR EIN- UND AUSSTIEGSEINRICHTUNGEN MIT VERBESSERTER POSITIONSERFASSUNG

Title (fr)

SYSTÈME D'ENTRAÎNEMENT POUR PORTES PIVOTANTES ET/OU COULISSANTES OU POUR DISPOSITIFS D'ACCÈS ET DE SORTIE AVEC DÉTECTION DE POSITION AMÉLIORÉE

Publication

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Application

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Priority

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Abstract (en)

[origin: CA2706191A1] The invention relates to a drive system for an entry/exit facility with at least one pivotally and/or slidably supported door, ramp, step or the like of a vehicle for passenger transport. It comprises at least one actuator or drive motor (1, 24) and a mechanism (3.3, 3.4) driven thereby and/or a gearbox (2, 4, 26) in order to effect the pivoting or sliding motion of the door, ramp, step or the like, having an absolute encoder (7, 34) for acquiring a current position during the pivoting or sliding motion. An evaluation unit is designed to compare the current position to at least one reference position, which is stored in a non-volatile memory of the evaluation unit so as to generate an output signal dependent thereon. The absolute encoder (7, 34) is flange-mounted to a trunnion fixing the pivoting motion of the door, ramp, step or the like, and the gearbox comprises a first reduction gear (2) and a second reduction gear(4), and an actuatable coupling (3.3, 3.4) is provided between the reduction gears (2, 4).

IPC 8 full level

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CPC (source: EP US)

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