

Title (en)  
CONTROL AND DRIVE ASSEMBLY FOR A DOOR OF A TRANSPORT VEHICLE, CORRESPONDING VEHICLE AND IMPLEMENTATION METHOD

Title (de)  
STEUER- UND ANTRIEBSEINHEIT FÜR DIE TÜR EINES TRANSPORTFAHRZEUGS, ENTSPRECHENDES FAHRZEUG UND ANWENDUNGSVERFAHREN

Title (fr)  
ENSEMBLE DE COMMANDE ET D'ENTRAÎNEMENT POUR PORTE D'UN VÉHICULE DE TRANSPORT, VÉHICULE ET PROCÉDÉ DE MISE EN OEUVRE CORRESPONDANTS

Publication  
**EP 4098507 C0 20230823 (FR)**

Application  
**EP 22175347 A 20220525**

Priority  
FR 2105768 A 20210601

Abstract (en)  
[origin: US2022381079A1] A control and drive assembly for a transport vehicle door, and which includes a main control unit; a main motor to drive the door leaves and which is controlled by the main control unit to displace the leaves; an auxiliary control module; an auxiliary motor operable to: control the auxiliary motor so as to displace the leaves in at least one direction to a closed position, control a locking of the leaves in the closed position; and a connection device arranged between the main control unit and the auxiliary motor to facilitate transmission of a reference signal by the main control unit to the auxiliary control module, the reference signal being representative of a proper operating state of the main motor and the main control unit. The auxiliary control module is operable to actuate the auxiliary motor when the auxiliary control module does not receive the reference signal.

IPC 8 full level  
**B61D 19/02** (2006.01); **B61B 1/02** (2006.01); **E05F 15/40** (2015.01)

CPC (source: EP US)  
**B61B 1/02** (2013.01 - EP); **B61D 19/02** (2013.01 - EP); **E05F 15/635** (2015.01 - US); **E05F 15/659** (2015.01 - US); **B61D 19/02** (2013.01 - US); **E05Y 2201/246** (2013.01 - US); **E05Y 2201/434** (2013.01 - US); **E05Y 2400/32** (2013.01 - US); **E05Y 2900/506** (2013.01 - US); **E05Y 2900/51** (2013.01 - US); **E05Y 2900/531** (2013.01 - US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Participating member state (EPC – UP)  
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)  
**EP 4098507 A1 20221207**; **EP 4098507 B1 20230823**; **EP 4098507 C0 20230823**; ES 2956550 T3 20231222; FR 3123289 A1 20221202; FR 3123289 B1 20231020; PL 4098507 T3 20240115; US 2022381079 A1 20221201

DOCDB simple family (application)  
**EP 22175347 A 20220525**; ES 22175347 T 20220525; FR 2105768 A 20210601; PL 22175347 T 20220525; US 202217752732 A 20220524