

Title (en)

Central locking device for doors on public transport carriages

Title (de)

Zentralverriegelungseinrichtung für Türen an Fahrzeugen des öffentlichen Personen-Nah-und-Fernverkehrs

Title (fr)

Dispositif de verrouillage pour des wagons pour le transport public

Publication

EP 1538289 B1 20060524 (DE)

Application

EP 04028186 A 20041127

Priority

DE 20318898 U 20031205

Abstract (en)

[origin: EP1538289A1] The central locking mechanism has a handle on the door panel connected through a shaft to a coupling disc (3) which has a fixed toothed segment which engages in a toothed rack mounted displaceable on the door panel and in which the output gearwheel of a gearwheel drive (10) engages. The drive gear wheel of the drive is driven by an electric motor (11) which can be switched on and off from a central control device. An electric end switch or sensor can be mounted in the region of the bolt element to generate an electric signal characterising the position of the bolt element.

IPC 8 full level

E05C 1/06 (2006.01); **E05B 47/02** (2006.01); **E05B 47/06** (2006.01); **E05B 63/14** (2006.01); **E05B 65/36** (2006.01)

CPC (source: EP)

E05B 47/026 (2013.01); **E05C 1/06** (2013.01); **E05B 47/0012** (2013.01); **E05B 63/143** (2013.01); **E05B 77/46** (2013.01); **E05B 2047/0021** (2013.01)

Cited by

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DOCDB simple family (publication)

EP 1538289 A1 20050608; **EP 1538289 B1 20060524**; AT E327398 T1 20060615; DE 20318898 U1 20050414; DE 502004000619 D1 20060629; ES 2265616 T3 20070216; PL 1538289 T3 20060929

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