

Title (en)

Method for controlling power operated doors in rail vehicles

Title (de)

Verfahren zum Steuern angetriebener Türen von Schienenfahrzeugen

Title (fr)

Méthode de contrôle de portes automatiques de véhicules sur rails

Publication

EP 1533459 A3 20070131 (DE)

Application

EP 04027067 A 20041115

Priority

DE 10355284 A 20031118

Abstract (en)

[origin: EP1533459A2] For the control of powered doors at railway passenger carriages, a pulse generator determines the door movements. The pulse generator delivers two pulse curves, where one curve (42) is offset from the other curve (40) by less than a period length of the curve pulse sequences. The start signal for the pressure wave switch is carried in a signal curve (44). The timings of the signal curves determine where the door movement has stopped to register if the door is fully closed or if its movement has been obstructed.

IPC 8 full level

E05F 15/00 (2006.01); **B61D 19/02** (2006.01); **E05F 15/10** (2006.01)

CPC (source: EP)

E05F 15/40 (2015.01); **E05F 15/42** (2015.01); **E05F 15/47** (2015.01); **E05F 15/41** (2015.01); **E05Y 2201/26** (2013.01); **E05Y 2400/324** (2013.01); **E05Y 2400/328** (2013.01); **E05Y 2400/334** (2013.01); **E05Y 2400/342** (2013.01); **E05Y 2400/57** (2013.01); **E05Y 2800/748** (2013.01); **E05Y 2900/51** (2013.01)

Citation (search report)

- [A] FR 2442327 A1 19800620 - TABOUR MICHEL
- [A] US 5226370 A 19930713 - TEMPLETON FREDERICK E [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK YU

DOCDB simple family (publication)

EP 1533459 A2 20050525; **EP 1533459 A3 20070131**; DE 10355284 A1 20050616

DOCDB simple family (application)

EP 04027067 A 20041115; DE 10355284 A 20031118