

Title (en)

RAIL VEHICLE PROVIDED WITH A BLAST-RESISTANT PARTITION WALL

Title (de)

SCHIENENFAHRZEUG MIT EINER EXPLOSIONSSICHEREN TRENNWAND

Title (fr)

VÉHICULE FERROVIAIRE COMPORTANT UNE PAROI RÉSISTANTE AUX DÉFLAGRATIONS

Publication

EP 3464012 A1 20190410 (EN)

Application

EP 17724577 A 20170522

Priority

- GB 201609121 A 20160524
- EP 2017062311 W 20170522

Abstract (en)

[origin: WO2017202792A1] A rail vehicle (10) comprises a car body structure (20), a driver's cabin (14), a passenger compartment (16), and driver's cabin back wall partition (18) separating the driver's cabin (14) from the passenger compartment (18). The driver's cabin back wall partition (18) comprises partition panels (64) made from a blast-resistant, missile-resistant and fire-resistant composite material (66 and a framework (42) comprising a floor section (44), two body side vertical sections (46) and a roof section (48), directly fastened to the car body structure (20). The partition panels (64) are directly secured to the framework (42), which provides a robust structure that transfers blast pressure loads on the partition panels to the car body structure.

IPC 8 full level

B61C 17/04 (2006.01); **B61D 17/04** (2006.01)

CPC (source: EP GB)

B61C 17/04 (2013.01 - EP); **B61D 17/048** (2013.01 - EP GB); **E04B 1/94** (2013.01 - GB); **E04B 1/98** (2013.01 - GB)

Citation (search report)

See references of WO 2017202792A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017202792 A1 20171130; EP 3464012 A1 20190410; EP 3464012 B1 20200520; GB 201609121 D0 20160706; GB 2550852 A 20171206; GB 2550852 B 20190918

DOCDB simple family (application)

EP 2017062311 W 20170522; EP 17724577 A 20170522; GB 201609121 A 20160524