

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 B1 20200520 (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)

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