

Title (en)
RAILWAY VEHICLE CAR

Title (de)
WAGGON EINES SCHIENENFAHRZEUGS

Title (fr)
VOITURE DE VÉHICULE FERROVIAIRE

Publication
EP 3656633 A1 20200527 (FR)

Application
EP 19211245 A 20191125

Priority
FR 1871840 A 20181126

Abstract (en)
[origin: US2020164901A1] A railway vehicle coach, including a roof, a box mounted on the roof, a least one primary box support, inserted between the box and the roof, each primary support being arranged in a peripheral part of the box and being suitable for bearing the weight of the box, the coach including at least one secondary support inserted between the box and the roof, each secondary support being arranged in a central part of the box and being able to bear the weight of the box in case of collapse of the roof in the location of a primary support.

Abstract (fr)
Voiture (10) de véhicule ferroviaire, comprenant :- un pavillon (16), - un coffre (24) monté sur le pavillon (16), - au moins un support primaire (26) de coffre (24), interposé entre le coffre (24) et le pavillon (16), ledit support primaire (26) étant disposé dans une partie périphérique (34) du coffre (24) et étant destiné à soutenir le poids du coffre (24). La voiture (10) comporte au moins un support secondaire (42) interposé entre le coffre (24) et le pavillon (16), le support secondaire (42) étant disposé dans une partie centrale (36) du coffre (24) et étant propre à soutenir le poids du coffre (24) en cas d'affaissement du pavillon (16) à l'endroit dudit support primaire (26).

IPC 8 full level
B61D 17/12 (2006.01); **B61C 17/00** (2006.01)

CPC (source: EP US)
B61C 17/00 (2013.01 - EP); **B61D 1/00** (2013.01 - US); **B61D 17/12** (2013.01 - EP US)

Citation (search report)
• [A] US 2012193493 A1 20120802 - REKASCH KLAUS [DE]
• [A] EP 3239013 A1 20171101 - ALSTOM TRANSP TECH [FR]
• [A] DE 102013218772 B3 20150205 - SIEMENS AG [DE]
• [A] FR 2471065 A1 19810612 - BUDD CO [US]
• [A] DE 102014206462 A1 20151008 - BOMBARDIER TRANSP GMBH [DE]

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)
EP 3656633 A1 20200527; **EP 3656633 B1 20210224**; ES 2870575 T3 20211027; FR 3088886 A1 20200529; FR 3088886 B1 20201211; US 2020164901 A1 20200528

DOCDB simple family (application)
EP 19211245 A 20191125; ES 19211245 T 20191125; FR 1871840 A 20181126; US 201916691550 A 20191121