Title (en)
DRIVER'S CABIN OF A RAIL VEHICLE

Title (de)
FAHRERHAUS EINES SCHIENENFAHRZEUGS

Title (fr)
CABINE DE CONDUCTEUR D'UN VÉHICULE FERROVIAIRE

Publication
EP 3168103 A1 20170517 (EN)

Application
EP 15194102 A 20151111

Priority
EP 15194102 A 20151111

Abstract (en)
A driver's cabin (10) of a rail vehicle comprises a driver's cabin structure (12) comprising a crash-resistant structure (14) surrounding an inner survival space (22) and an energy-absorbing structure (18) located in front of the crash-resistant structure (14) and surrounding an inner crushable space (24). A driver's desk structure (46) is located inside the driver's cabin structure (12) and attached to the driver's cabin structure (12). The driver's desk structure (46) comprises a deformable framework of profiles (48) located in the inner crushable space (22) of the driver's cabin (10) and at least one crash-resistant crossbeam (54, 56) fixed to the crash-resistant structure (14) and located behind the deformable framework of profiles (48), in the inner survival space (22).

IPC 8 full level
B61D 15/06 (2006.01); **B61D 17/06** (2006.01); **B61G 11/16** (2006.01)

CPC (source: EP)
B61D 15/06 (2013.01); **B61D 17/06** (2013.01)

Citation (applicant)
US 8141497 B2 20120327 - KWON TAE-SOO [KR], et al

Citation (search report)
- [XI] DE 102008007590 A1 20090806 - SIEMENS AG [DE]
- [A] WO 2008029970 A1 20080313 - KOREA RAILROAD RES INST [KR], et al
- [A] EP 0952063 A1 19991027 - DWA DEUTSCHE WAGGONBAU GMBH [DE], et al
- [A] EP 1310416 A1 20030514 - ALSTOM LHB GMBH [DE]
- [A] WO 2010029188 A1 20100318 - VOITH PATENT GMBH [DE]
- [A] WO 2014195177 A1 20141211 - SIEMENS AG OESTERREICH [AT]

Cited by
EP3415397A1; EP3415397B1

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 3168103 A1 20170517; **EP 3168103 B1 20200624**; ES 2809226 T3 20210303; ES 2809226 T8 20210311

DOCDB simple family (application)
EP 15194102 A 20151111; ES 15194102 T 20151111