

Title (en)
OVERRIDE PROTECTION DEVICE FOR A RAIL VEHICLE

Title (de)
AUFKLETTERSCHUTZVORRICHTUNG FÜR EIN SCHIENENFAHRZEUG

Title (fr)
DISPOSITIF DE PROTECTION ANTI-MONTÉE POUR VÉHICULE FERROVIAIRE

Publication
EP 3071468 A1 20160928 (DE)

Application
EP 14705092 A 20140211

Priority
EP 2014052634 W 20140211

Abstract (en)
[origin: WO2015120882A1] The invention relates to an override protection device for a rail vehicle comprising at least one buffer (10) which is supported by an energy absorption element (2) connected to a vehicle frame (1) of the rail vehicle. In order to configure such a protection device in such a way that it can be produced economically, reliably prevents overriding and is also comparatively easy to retrofit, a bearing element (4) is fastened to the energy absorption element (2) at the end thereof facing away from the vehicle frame (1), which bearing element supports an override protection device (5) at the end thereof protruding in a vertical direction from the buffer (10). A horizontally oriented stop (9) is provided in such a way that, in the event of a crash, in cooperation with the vehicle front of the rail vehicle, an override protection element (8) of the override protection device (5) can be brought from the stop into an override protection position extending outward over the buffer (10).

IPC 8 full level
B61G 11/18 (2006.01); **B61G 11/16** (2006.01)

CPC (source: EP US)
B61D 15/06 (2013.01 - US); **B61G 11/16** (2013.01 - EP US); **B61G 11/18** (2013.01 - EP US); **B61D 15/00** (2013.01 - US)

Citation (search report)
See references of WO 2015120882A1

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 2015120882 A1 20150820; CN 105980230 A 20160928; CN 105980230 B 20180522; EP 3071468 A1 20160928; EP 3071468 B1 20171018; ES 2656165 T3 20180223; PL 3071468 T3 20180330; RU 2641579 C1 20180118; US 2017174234 A1 20170622; US 9802628 B2 20171031; ZA 201604307 B 20170830

DOCDB simple family (application)
EP 2014052634 W 20140211; CN 201480075182 A 20140211; EP 14705092 A 20140211; ES 14705092 T 20140211; PL 14705092 T 20140211; RU 2016136264 A 20140211; US 201415118182 A 20140211; ZA 201604307 A 20160624