

Title (en)

BODY BOLSTER AND RAILROAD VEHICLE STRUCTURE PROVIDED WITH SAME

Title (de)

KÖRPERKISSEN UND SCHIENENFAHRZEUGSTRUKTUR DAMIT

Title (fr)

TRAVERSE DE CAISSE ET STRUCTURE DE VÉHICULE FERROVIAIRE POURVUE DE CELLE-CI

Publication

EP 3392118 B1 20210602 (EN)

Application

EP 15910742 A 20151217

Priority

JP 2015085374 W 20151217

Abstract (en)

[origin: EP3392118A1] Provided are a lightweight bolster having high reliability and capable of reducing a life cycle energy and a railway car structure body including this bolster. According to the invention, the above-mentioned problems can be solved by a bolster (14) including a core (50) made of metal and composite materials (33 and 35) sealing this core (50) or a railway car structure body including this bolster.

IPC 8 full level

B61F 1/12 (2006.01)

CPC (source: EP)

B61F 1/12 (2013.01)

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

DOCDB simple family (publication)

EP 3392118 A1 20181024; EP 3392118 A4 20190828; EP 3392118 B1 20210602; JP 6535757 B2 20190626; JP WO2017104052 A1 20180906; WO 2017104052 A1 20170622

DOCDB simple family (application)

EP 15910742 A 20151217; JP 2015085374 W 20151217; JP 2017556279 A 20151217