

Title (en)

A RAILWAY WAGON BUFFER AND A METHOD FOR MANUFACTURING THEREOF

Title (de)

EIN STOSSDÄMPFER EINES ZUGWAGENS UND EIN VERFAHREN FÜR DIE HERSTELLUNG DIESES.

Title (fr)

TAMPON DE WAGON DE CHEMIN DE FER ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2663786 A1 20131120 (EN)

Application

EP 11788816 A 20111128

Priority

- EP 11460002 A 20110104
- EP 2011071094 W 20111128
- EP 11788816 A 20111128

Abstract (en)

[origin: WO2012092998A1] A railway wagon buffer comprising an impact plate (101) coupled via a movable spacer (110) with impact-absorbing means for absorbing the impact force imparted to the impact plate (101). The impact-absorbing means comprise a plurality of rotatable energy absorbers (120, 130, 140) arranged along the pathway (115) of the movable spacer (110) to engage with the movable spacer (110) during its movement along the pathway (115), each rotatable energy absorber (120, 130, 140) comprising a rotor (121, 131, 141) for absorbing in rotational movement at least part of the kinetic energy of the movable spacer (110).

IPC 8 full level

F16F 7/10 (2006.01); **B61D 15/06** (2006.01); **B61D 45/00** (2006.01); **B61G 11/00** (2006.01); **B61K 7/18** (2006.01)

CPC (source: EP)

B61D 15/06 (2013.01); **B61D 45/008** (2013.01); **B61G 11/00** (2013.01); **B61K 7/18** (2013.01); **F16F 7/1022** (2013.01)

Citation (search report)

See references of WO 2012092998A1

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)

WO 2012092998 A1 20120712; EP 2663786 A1 20131120; PL 400264 A1 20130121

DOCDB simple family (application)

EP 2011071094 W 20111128; EP 11788816 A 20111128; PL 40026411 A 20111128