

Title (en)

Suspension arrangement especially for a railway vehicle

Title (de)

Federanordnung für ein Fahrzeug, insbesondere ein Schienenfahrzeug

Title (fr)

Ensemble de ressort de suspension notamment pour un véhicule ferroviaire

Publication

EP 2000383 B1 20121128 (DE)

Application

EP 08104240 A 20080603

Priority

DE 102007026472 A 20070605

Abstract (en)

[origin: EP2000383A2] A light railway car has a bogey with first (104.1) and second suspension springs (104.2) arranged in mechanical series between two sets of components. The first set of springs has greater stiffness in the transverse direction than the second set of springs. The springs are interleaved in the operational plane.

IPC 8 full level

B61F 5/06 (2006.01); **B61F 5/08** (2006.01); **B61F 5/14** (2006.01)

CPC (source: EP US)

B61F 5/06 (2013.01 - EP US); **B61F 5/08** (2013.01 - EP US); **B61F 5/14** (2013.01 - EP US)

Cited by

AT516584A1; US10421466B2; US10322731B2; WO2015078695A1; US11518420B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2000383 A2 20081210; EP 2000383 A3 20091007; EP 2000383 B1 20121128; AU 2008202452 A1 20090108; AU 2008202452 B2 20130919; DE 102007026472 A1 20081211; DK 2000383 T3 20130304; EP 2199177 A1 20100623; ES 2400396 T3 20130409; HR P20130158 T1 20130430; PL 2000383 T3 20130430; SI 2000383 T1 20130430; US 2009008843 A1 20090108; US 8047514 B2 20111101

DOCDB simple family (application)

EP 08104240 A 20080603; AU 2008202452 A 20080603; DE 102007026472 A 20070605; DK 08104240 T 20080603; EP 10158153 A 20080603; ES 08104240 T 20080603; HR P20130158 T 20130225; PL 08104240 T 20080603; SI 200830898 T 20080603; US 13277508 A 20080604