

Title (en)

DEVICE AND METHOD FOR ACTIVE PRESSURE REGULATION IN RAIL VEHICLES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR AKTIVEN DRUCKREGELUNG IN SCHIENENFAHRZEUGEN.

Title (fr)

DISPOSITIF ET PROCÉDÉ DE RÉGULATION ACTIVE DE LA PRESSION DANS DES VÉHICULES FERROVIAIRES

Publication

**EP 2723621 B1 20150826 (DE)**

Application

**EP 12737263 A 20120713**

Priority

- DE 102011081070 A 20110817
- EP 2012063769 W 20120713

Abstract (en)

[origin: WO2013023851A1] The invention relates to a device for the active regulation of the vehicle interior pressure in a rail vehicle, comprising an aerating apparatus for increasing the interior pressure in the rail vehicle, a ventilating apparatus for reducing the interior pressure in the rail vehicle, and a measurement apparatus for measuring the interior pressure in the rail vehicle. The device is characterized in that the device comprises a control apparatus that is connected in a signaling manner at least to the ventilation apparatus in order to reduce the interior pressure and to the measurement device, and the ventilation apparatus for reducing the interior pressure can be controlled by the control apparatus according to the interior pressure determined by the measurement apparatus.

IPC 8 full level

**B61D 27/00** (2006.01)

CPC (source: EP US)

**B61D 27/00** (2013.01 - EP US)

Cited by

DE102019109564B3; WO2020208059A1; US11993286B2

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)

**DE 102011081070 A1 20130221**; CN 204172918 U 20150225; EP 2723621 A1 20140430; EP 2723621 B1 20150826; RU 145083 U1 20140910; US 2014199929 A1 20140717; WO 2013023851 A1 20130221

DOCDB simple family (application)

**DE 102011081070 A 20110817**; CN 201290000756 U 20120713; EP 12737263 A 20120713; EP 2012063769 W 20120713; RU 2014109991 U 20120713; US 201214239306 A 20120713