

Title (en)  
Fire detection in rail vehicles

Title (de)  
Branddetektion in Schienenfahrzeugen

Title (fr)  
Détection d'incendie dans des véhicules sur rails

Publication  
**EP 2450860 B1 20130605 (DE)**

Application  
**EP 12153748 A 20090421**

Priority  
• EP 09761541 A 20090421  
• DE 102008028134 A 20080613

Abstract (en)  
[origin: WO2009149978A1] The invention relates to a method for detecting fire in rail vehicles. For the safe and error-reduced fire detection, the invention proposes for the cabin air in a rail vehicle to be suctioned by at least two separately operated suction units into a monitoring region, to evaluate the monitoring parameter of the suctioned cabin air in the suction units and to emit a first control signal when a monitoring parameter threshold value is detected in at least one suction unit.

IPC 8 full level  
**G08B 17/10** (2006.01); **A62C 3/07** (2006.01); **G08B 29/16** (2006.01)

CPC (source: EP US)  
**G08B 17/10** (2013.01 - EP US); **G08B 29/16** (2013.01 - EP US); **G08B 29/183** (2013.01 - EP US); **A62C 3/07** (2013.01 - EP US); **G08B 17/113** (2013.01 - EP US)

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102008028134 A1 20091217**; CN 102067187 A 20110518; CN 102067187 B 20150819; EP 2286394 A1 20110223; EP 2286394 B1 20121003; EP 2450860 A1 20120509; EP 2450860 B1 20130605; EP 2450860 B9 20130904; EP 2544159 A1 20130109; EP 2544159 B1 20160224; ES 2396757 T3 20130225; ES 2422426 T3 20130911; ES 2570680 T3 20160519; US 2011106346 A1 20110505; US 8457816 B2 20130604; WO 2009149978 A1 20091217; WO 2009149978 A9 20100304

DOCDB simple family (application)  
**DE 102008028134 A 20080613**; CN 200980122245 A 20090421; EP 09761541 A 20090421; EP 12153748 A 20090421; EP 12186988 A 20090421; EP 2009054687 W 20090421; ES 09761541 T 20090421; ES 12153748 T 20090421; ES 12186988 T 20090421; US 99530009 A 20090421