

Title (en)  
Handling a malfunction of a rail vehicle

Title (de)  
Handhabung einer Fehlfunktion eines Schienenfahrzeugs

Title (fr)  
Gestion d'un dysfonctionnement d'un véhicule ferroviaire

Publication  
**EP 2390159 A1 20111130 (EN)**

Application  
**EP 10005446 A 20100526**

Priority  
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Abstract (en)  
The invention relates to a method of handling a malfunction of a rail vehicle, wherein the rail vehicle comprises a plurality of devices (T1) which possibly malfunction, wherein at least one sensor (17) is combined with each device (T1) for sensing a malfunction of the device (T1), wherein at least one actuator (S1) is combined with the device (T1) and/or with the sensor (17) for acting in case of a malfunction and wherein the method comprises a) identifying possible malfunctions of the devices (T1), b) identifying at least one sensor (17) which can sense the possible malfunction, c) identifying for each identified malfunction an actuator (S1) which can be used to handle the malfunction, d) identifying locations where the identified actuators (S1) can be manipulated in order to handle the malfunctions and e) detecting a malfunction by analyzing signals from the at least one sensor (17) and determining the location or locations where the respective actuator (S1) can be manipulated in order to handle the detected malfunction.

IPC 8 full level  
**B61L 15/00** (2006.01); **G01M 17/08** (2006.01)

CPC (source: EP)  
**B61L 15/0081** (2013.01)

Citation (search report)  
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• [A] US 5445347 A 19950829 - NG JOSEPH S [US]  
• [X] HEIKO MALY ET AL: "Diagnosetexte in Schienenfahrzeugen", EISENBAHN-REVUE INTERNATIONAL, VERLAG MINIREX, LUZERN, CH, vol. 8-09, 1 August 2005 (2005-08-01), pages 401 - 405, XP009091817, ISSN: 1421-2811  
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