

Title (en)
Method for detecting wagon derailing

Title (de)
Verfahren zur Entgleisungsdetektion bei einem Wagon

Title (fr)
Procédé de détection de déraillement d'un wagon

Publication
EP 2431250 A3 20130123 (DE)

Application
EP 11180777 A 20110909

Priority
DE 102010045568 A 20100916

Abstract (en)
[origin: EP2431250A2] The method involves generating an operating voltage for power supply to loads while riding a wagon (10). A strength of the generated voltage must exceed a threshold to indicate a derailment. The threshold value is dynamically adjusted (58) according to the speed and load of the wagon. An independent claim is also included for a system for derailment detection of a wagon of a train.

IPC 8 full level
B61F 9/00 (2006.01); **B61K 9/00** (2006.01)

CPC (source: EP)
B61F 9/005 (2013.01); **B61K 9/00** (2013.01)

Citation (search report)

- [XPI] EP 2253523 A1 20101124 - TRANSPORTS INTERCOMMUNAUX DE B [BE]
- [XI] DE 2500041 A1 19760708 - HELLER FRED HARALD
- [A] EP 0697320 A1 19960221 - SINTRO ELECTRONICS AG [CH]
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- [A] WO 03029059 A1 20030410 - KNORR BREMSE SYSTEME [DE], et al

Cited by
CN106004916A; CN109367585A; CN103738355A; CN103395433A; CN112731441A; CN106383466A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2431250 A2 20120321; EP 2431250 A3 20130123; EP 2431250 B1 20140416; DE 102010045568 A1 20120322

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EP 11180777 A 20110909; DE 102010045568 A 20100916