

Title (en)
Method for a general detection of derailment

Title (de)
Verfahren zur allgemeinen Entgleisungsdetektion

Title (fr)
Procédé pour la détection générale d'un déraillement

Publication
EP 1236633 A3 20030312 (DE)

Application
EP 02450036 A 20020222

Priority
AT 3212001 A 20010228

Abstract (en)
[origin: EP1236633A2] The derailing detector for a railway vehicle compares multiple derailment condition values (KEN1-6) with preset values (SOL1-6). On detecting an excessive difference between the sensed values and preset values an indication signal (ALA) and or an emergency brake signal is sent. In the area of the axle bearings (AX1-4) one wheel (RA1-4), and an acceleration signal (S11-14) is produced. Two points on the bogie rotary frame (DGR), a longitudinal acceleration signal is produced. An INDEPENDENT Claim is included for a detector using the method.

IPC 1-7
B61F 9/00

IPC 8 full level
B61F 9/00 (2006.01)

CPC (source: EP)
B61F 9/005 (2013.01)

Citation (search report)
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• [A] WO 0060322 A1 20001012 - SIEMENS SCHWEIZ AG [CH], et al
• [A] DE 19836081 A1 20000217 - SIEMENS AG [DE]
• [A] DE 19827931 C1 19991202 - MAYER ALBRECHT [DE]

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