

Title (en)

Wheel sensor, rail assembly with at least one wheel sensor and method for operating a rail assembly

Title (de)

Radsensor, Eisenbahnanlage mit zumindest einem Radsensor sowie Verfahren zum Betreiben einer Eisenbahnanlage

Title (fr)

Capteur de roue, installation de voie ferrée dotée d'au moins un capteur de roue ainsi que procédé de fonctionnement d'une installation de voie ferrée

Publication

**EP 2218624 B1 20121121 (DE)**

Application

**EP 10150943 A 20100118**

Priority

DE 102009009449 A 20090213

Abstract (en)

[origin: EP2218624A2] The sensor (RS) has a sensor device (SE) for detecting a signal (S) triggered by a wheel of a rolling-by rail vehicle, where the sensor is designed as a double wheel sensor. A processing device (VE) determines a parameter (K) from a detected signal. A communication device (KE) is provided for wireless communication of the parameter, where the processing device and the sensor device are arranged in a common housing. A line-independent self-sufficient power supply device comprises an electro-chemical energy storage i.e. primary cell. Independent claims are also included for the following: (1) a railway installation comprising an evaluator (2) a method for operating a railway installation.

IPC 8 full level

**B61L 1/16** (2006.01)

CPC (source: EP)

**B61L 1/161** (2013.01); **B61L 1/165** (2013.01); **B61L 1/168** (2013.01)

Citation (examination)

DE 102007006833 A1 20080814 - DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]

Cited by

CN106585672A; CN103097226A; CN106428111A; FR3064968A1; AU2017256764B2; EA034028B1; US10875554B2; WO2012034877A3; WO2012101152A1; WO2017186886A1; EP2613963A2; EP2651740A1

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DOCDB simple family (publication)

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