

Title (en)

Apparatus for measuring and processing movement data of a rail vehicle.

Title (de)

Einrichtung zum Ermitteln und Verarbeiten der Fahrdaten eines Schienenfahrzeugs.

Title (fr)

Dispositif de détermination et des traitement de données de circulation d'un véhicule ferroviaire.

Publication

EP 0644098 A3 19970716 (DE)

Application

EP 94250208 A 19940823

Priority

DE 4331931 A 19930914

Abstract (en)

[origin: EP0644098A2] The invention relates to an apparatus for determining and processing movement data of a rail vehicle, in particular relating to its position and speed, the said vehicle having a radio link to a satellite which transmits signals to a receiver located on the rail vehicle, these signals being input in a microprocessor or into a computer in order to calculate corresponding values. So that the movement data can be determined and calculated with sufficient accuracy in one overall system, it is proposed according to the invention that it should be possible to optimise the travel of the rail vehicle (1) by using algorithms, and that data relating to the movement dynamics of cranes (6) travelling ahead and/or behind be included in the control algorithm of a CPU (7) which is located either on the earth or in the satellite (2). <IMAGE>

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B61L 27/00

IPC 8 full level

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CPC (source: EP)

B61L 15/0058 (2024.01); **B61L 27/16** (2022.01); **B61L 2205/04** (2013.01)

Citation (search report)

- [DY] WO 8905255 A1 19890615 - SECR DEFENCE BRIT [GB]
- [Y] DE 3408521 A1 19850912 - SIEMENS AG [DE]

Cited by

CN104079898A; CN104973091A; US9828010B2; US9950722B2; US9834237B2; US9669851B2; US10308265B2; US9733625B2; US10569792B2; WO2005095175A1; WO2011041059A3

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