

Title (en)

Method and device for localising trains in a rail network

Title (de)

Verfahren und Vorrichtungen zur Lokalisierung von Zügen in einem Schienennetz

Title (fr)

Procédé et dispositif de localisation de trains dans un réseau ferré

Publication

**EP 2130741 A3 20100428 (DE)**

Application

**EP 09006432 A 20090513**

Priority

DE 102008026253 A 20080602

Abstract (en)

[origin: EP2130741A2] The method involves locating a part of the mobile telephones in a train (Z). A railway system lies in a service area of a cellular mobile radio system. The trains move along a railroad (W) through the spatial areas (LA1,LA2) of the mobile radio system. A collective data is detected for the spatial areas, where the data indicates the changing points of time that are determined by evaluating the collective data. Independent claims are included for the following: (1) a system for localizing trains in a railway system; and (2) a control center for a system for localizing trains in a railway system.

IPC 8 full level

**B61L 25/02** (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP)

**B61L 25/025** (2013.01); **B61L 27/14** (2022.01); **B61L 2205/02** (2013.01)

Citation (search report)

- [A] GB 2273424 A 19940615 - MOTOROLA LTD [GB]
- [A] WO 0187685 A1 20011122 - CREAOLIC SA [CH], et al
- [A] US 2003096621 A1 20030522 - JANA RITTIK [US], et al
- [A] EP 1923850 A1 20080521 - BOSCH GMBH ROBERT [DE]
- [A] DE 10225033 A1 20031224 - UNIV HANNOVER [DE]

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CN111314887A

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2130741 A2 20091209**; **EP 2130741 A3 20100428**; **EP 2130741 B1 20110824**; AT E521518 T1 20110915; DE 102008026253 A1 20091203; ES 2372444 T3 20120119

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