Title (en)

ON-BOARD SYSTEM FOR GENERATING A POSITIONING SIGNAL FOR A RAIL VEHICLE

Title (de)

BORDGESTÜTZTES SYSTEM ZUR ERZEUGUNG EINES STELLSIGNALS FÜR EIN SCHIENENFAHRZEUG

Title (fr)

SYSTÈME EMBARQUÉ DE GÉNÉRATION D'UN SIGNAL DE LOCALISATION D'UN VÉHICULE FERROVIAIRE

Publication

EP 2825437 A1 20150121 (FR)

Application

EP 13709373 A 20130305

Priority

- FR 1252327 A 20120315
- EP 2013054408 W 20130305

Abstract (en)

[origin: WO2013135533A1] This system (210) comprises: an antenna (20) comprising a first loop (22) and a second loop (24) having different radiation patterns, the first and second loops being such as to generate first and second currents (I1, I2) when the antenna passes over a beacon located on the track; and an electronic processing unit designed to generate a positioning signal from said first and second currents. The system is characterized in that, said unit being a first unit (230) for generating a first positioning signal (SL1), the system comprises a second unit (240) for generating a second positioning signal (SL2) from said first and second currents, and in that it comprises an arbitration means (250) able to generate a safe positioning signal (SLS) from said first and second positioning signals.

IPC 8 full level

B61L 3/12 (2006.01); **B61L 25/02** (2006.01)

CPC (source: CN EP US)

B61L 3/12 (2013.01 - US); **B61L 3/121** (2013.01 - EP US); **B61L 3/125** (2013.01 - CN); **B61L 25/02** (2013.01 - US); **B61L 25/025** (2013.01 - EP US); **B61L 25/028** (2013.01 - CN)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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