

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 B1 20200101 (FR)**

Application

**EP 13709373 A 20130305**

Priority

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- 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

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CPC (source: CN EP US)

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