

Title (en)
ARRANGEMENT FOR HIGH-FREQUENCY POTENTIAL COMPENSATION

Title (de)
ANORDNUNG FÜR EINEN HOCHFREQUENTEN POTENZIALAUSGLEICH

Title (fr)
AGENCEMENT POUR UNE ÉGALISATION DU POTENTIEL HAUTE FRÉQUENCE

Publication
EP 3772132 B1 20230412 (DE)

Application
EP 20187163 A 20200722

Priority
DE 102019211454 A 20190731

Abstract (en)
[origin: CN214325086U] The utility model relates to an arrangement for high-frequency equipotential connection, which is arranged between an antenna in or on a bogie of a railway vehicle and a vehicle body of the railway vehicle, and the equipotential connection is realized by means of a series resonance circuit. The series resonant circuit is tuned with respect to a carrier frequency used for signal transmission by means of the antenna. The utility model further relates to a railway vehicle which is provided with the arrangement for high-frequency equipotential connection.

IPC 8 full level
H01Q 1/32 (2006.01); **B61L 3/12** (2006.01); **H01Q 1/48** (2006.01); **H01Q 1/50** (2006.01); **H01Q 1/52** (2006.01); **B61L 27/20** (2022.01)

CPC (source: EP)
B61L 3/125 (2013.01); **B61L 3/126** (2013.01); **H01Q 1/3225** (2013.01); **H01Q 1/48** (2013.01); **H01Q 1/50** (2013.01); **H01Q 1/526** (2013.01); **B61L 2027/202** (2022.01)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3772132 A1 20210203; **EP 3772132 B1 20230412**; CN 214325086 U 20211001; DE 102019211454 A1 20210204; ES 2949846 T3 20231003

DOCDB simple family (application)
EP 20187163 A 20200722; CN 202021536837 U 20200729; DE 102019211454 A 20190731; ES 20187163 T 20200722