

Title (en)
Device for detecting a short-circuit bridge

Title (de)
Detektionsvorrichtung einer Kurzschlussbrücke

Title (fr)
Dispositif de détection de pont de court-circuit

Publication
EP 1935747 B1 20141112 (EN)

Application
EP 07024451 A 20071217

Priority
• NL 1033077 A 20061218
• NL 1033581 A 20070323

Abstract (en)
[origin: EP1935747A1] The invention relates to a device for detecting a short-circuit bridge between or across the rails of a railway section, comprising a first arm, which can be brought into electrical contact with a first rail; a second arm, which can be brought into electrical contact with the other rail; an electrical power source, as well as detection means for detecting and monitoring, in use, the short-circuit resistance of the short-circuit bridge realised by the two arms and between the two rails. According to the invention the short-circuit lance or device for detecting a short-circuit bridge between or across the rails of a railway section is characterised in that the detection means are provided with wireless communication means for wirelessly transmitting information regarding (the status of) the short-circuit resistance of the short-circuit bridge that has been realised. In this way it is no longer necessary to visit the track section in question to check the status of the short-circuit resistance.

IPC 8 full level
H01R 13/66 (2006.01); **B61L 23/06** (2006.01); **H01R 4/64** (2006.01); **H01R 13/24** (2006.01)

CPC (source: EP)
B61L 1/187 (2013.01); **B61L 1/20** (2013.01); **B61L 23/06** (2013.01); **B61L 27/53** (2022.01); **H01R 4/64** (2013.01); **H01R 13/6675** (2013.01); **H01R 13/6683** (2013.01); **H01R 13/2421** (2013.01)

Cited by
EP2206635A1; NL1036399C2; JP2016199059A; NL2021010B1; EP3351454A1; AU2018200329B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1935747 A1 20080625; EP 1935747 B1 20141112

DOCDB simple family (application)
EP 07024451 A 20071217