

Title (en)
Detection device of a short-circuit bridge

Title (de)
Detektionsvorrichtung einer Kurzschlussbrücke

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

Publication
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Application
EP 07024452 A 20071217

Priority
NL 1033077 A 20061218

Abstract (en)
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 each arm is at least made up of two arm members extending parallel to each other, which arm members can each be brought into electrical contact with one and the same rail. In this way the short-circuit bridge is realised at several points between the two rails, so that, if for some reason the electrical contact between one or more arm members should be lost, this will not result in oncoming trains being granted access to the track section that was initially blocked by the dropped-out relay.

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Citation (applicant)
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