

Title (en)

A device and a method for monitoring the operability of a signal connection

Title (de)

Vorrichtung und Verfahren zur Überwachung der Funktionsfähigkeit einer Signalverbindung

Title (fr)

Dispositif et procédé pour surveiller la fonctionnalité d'une connexion de signal

Publication

EP 3067246 A1 20160914 (EN)

Application

EP 15158135 A 20150309

Priority

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Abstract (en)

The invention relates to a device and a method for monitoring the operability of a signal connection between a control unit (5) and a balise (4), wherein the signal connection is provided at least partially by at least one connecting cable (7), wherein the device (9) comprises a monitoring signal generator (10), at least one means for determining a connecting cable current (I) and at least one evaluating unit (13), wherein a monitoring signal with a monitoring frequency is injectable into the connecting cable (7), wherein the connecting cable current (I) is determinable, wherein a current portion with the monitoring frequency is determinable, wherein an incorrect operability of the signal connection is detectable if a current value of the current portion is smaller than a predetermined threshold value.

IPC 8 full level

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CPC (source: EP)

B61L 3/121 (2013.01); **B61L 27/53** (2022.01)

Citation (applicant)

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Citation (search report)

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