

Title (en)

ONBOARD COMMUNICATION APPARATUS AND RAILROAD VEHICLE

Title (de)

BORDKOMMUNIKATIONSGERÄT UND SCHIENENFAHRZEUG

Title (fr)

APPAREIL DE COMMUNICATION EMBARQUÉ ET VÉHICULE FERROVIAIRE

Publication

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Application

**EP 19917671 A 20191126**

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Abstract (en)

The present invention provides a technique for detecting a sign of a malfunction in an onboard communication apparatus. Accordingly, one representative onboard communication apparatus according to the present invention is an onboard communication apparatus which is installed in a vehicle and which transmits power waves to, and receives information waves from, a ground element installed along a railroad track, the apparatus comprising: a power wave transmitting unit that generates power waves; an onboard element that transmits the power waves generated by the power wave transmitting unit to the ground element and receives information waves transmitted by the ground element; a feedback unit that detects output of the power waves and stabilizes the output to a prescribed output; and a deterioration diagnosis unit that outputs, as information indicating a sign of a malfunction ("deterioration information" hereinafter), information based on a feedback command value of the feedback unit.

IPC 8 full level

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