

Title (en)

SYSTEM FOR PROVIDING ACTION RECOMMENDATIONS TO A DRIVER OF A RAIL VEHICLE

Title (de)

SYSTEM ZUR BEREITSTELLUNG VON AKTIONSEMPFEHLUNGEN FÜR EINEN FAHRER EINES SCHIENENFAHRZEUGS

Title (fr)

SYSTÈME PERMETTANT DE FOURNIR DES RECOMMANDATIONS D'ACTION À UN CONDUCTEUR D'UN VÉHICULE FERROVIAIRE

Publication

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Application

EP 21165645 A 20210329

Priority

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Abstract (en)

The present invention relates to a system for providing action recommendations to a driver of a rail vehicle (10) and a method of providing these action recommendations. The system comprises an on-board device (14) having at least a communication interface (18) for communicating action recommendations to the driver. The on-board device (14) thereby comprises a mobile communication module (22) for communicating via a wireless network (26) with a remote source (30) provided offboard the rail vehicle (10), in order to output the action recommendations to the driver. The remote source (30) comprises a calculation means (34) for calculating the action recommendations for the on-board device (14) based on current input data of the rail vehicle (10), wherein the on-board device (14) comprises a processing unit (38) calculating the action recommendations, in case that action recommendations of the remote source (30) are missing. On-board calculations is based on algorithm with lower complexity than offboard calculation.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 2976246 B1 20191106 - SIEMENS MOBILITY GMBH [DE]
- EP 3200146 A1 20170802 - KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH [DE]

Citation (search report)

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- [A] US 2018196426 A1 20180712 - KIM SO YOUNG [US], et al
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- [A] US 2015239481 A1 20150827 - DYMEK MARKUS [DE], et al
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Designated contracting state (EPC)

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Designated extension state (EPC)

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