

Title (en)
METHOD AND APPARATUS RELATED TO ON-BOARD MESSAGE REPEATING FOR VEHICLE CONSIST COMMUNICATIONS SYSTEM

Title (de)
VERFAHREN UND VORRICHTUNG ZUR WIEDERHOLUNG VON BORDNACHRICHTEN IN EINEM FAHRZEUGINTERNEN
KOMMUNIKATIONSSYSTEM

Title (fr)
PROCÉDÉ ET APPAREIL CONCERNANT LA RÉPÉTITION D'UN MESSAGE EMBARQUÉ POUR LE SYSTÈME DE COMMUNICATION D'UNE
RAME DE VÉHICULES

Publication
EP 2529493 A2 20121205 (EN)

Application
EP 11705066 A 20110125

Priority
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Abstract (en)
[origin: WO2011091391A2] A communications method for a vehicle consist (10) comprising a lead (14) and a remote (12A/12B/12C) powered vehicle, the lead (14) vehicle comprising first (29A) and second (29B) antennas each associated with a radio, and the remote vehicle (12A/12B/12C) comprising third (29A) and fourth (29B) antennas each associated with a radio. The method comprises transmitting an outbound message from the lead (14) vehicle, receiving the outbound message at the third antenna (29A) and supplying a signal to the associated radio for producing a first received signal, and receiving the outbound message at the fourth antenna (29B) and supplying a signal to the associated radio for producing a second received signal, determining a first and second signal quality metric for the respective first and second received signals, selecting the first or second received signal for processing by the remote vehicle (12A/12B/12C) in response to the first and second signal quality metrics.

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Citation (search report)
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