

Title (en)

COMMUNICATION METHOD AND SYSTEM FOR ROUTE SECURED CONTROL

Title (de)

KOMMUNIKATIONSVERFAHREN UND -SYSTEM FÜR GESICHERTE FAHRSTRASSENÜBERWACHUNG

Title (fr)

MÉTHODE ET SYSTÈME DE COMMUNICATION POUR UN CONTRÔLE SÉCURISÉ D'ITINÉRAIRE

Publication

EP 2300301 A1 20110330 (FR)

Application

EP 08875602 A 20080714

Priority

FR 2008001025 W 20080714

Abstract (en)

[origin: WO2010007216A1] The invention relates to a communication system and method for the secured control of a route followed by a vehicle running in the approach area of a moving area, wherein: the moving area is preceded by a closing signalling provided on the ground and adapted for informing the vehicle to stop; a safety timing is determined by a ground control unit for ensuring that the vehicle stops before entering the moving area; in parallel with the closing signalling, an information request from the ground control unit is transmitted to a control safety unit onboard the vehicle; the onboard control safety unit or an associated evaluation module evaluates the braking capacity of the vehicle and encodes the same (e.g. binary encoding) into an information requested by the ground control unit and then fed back to the ground control unit; depending on the information state, the ground control unit minimises the safety timing or even cancels the same completely.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2010007216A1

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DOCDB simple family (publication)

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