

Title (en)
DANGER RECOGNITION SYSTEM FOR VEHICLES, COMPRISING AT LEAST ONE LATERAL AND REAR ENVIRONMENT DETECTION UNIT

Title (de)
GEFAHRENERKENNUNGSSYSTEM FÜR FAHRZEUGE MIT MINDESTENS EINER SEITLICHEN UND RÜCKWÄRTIGEN UMGEBUNGSERFASSUNG

Title (fr)
SYSTEME DE RECONNAISSANCE DE DANGER POUR VEHICULES, COMPRENANT AU MOINS UNE UNITE DE DETECTION D'ENVIRONNEMENT LATERALE ET ARRIERE

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Application
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Priority
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Abstract (en)
[origin: WO2004068164A2] Disclosed is a danger recognition system for vehicles, comprising at least one lateral and rear environment detection unit, environment interpretation unit, and driver reaction support unit. The environment detection unit discerns objects which move relative to the vehicle that is provided with the danger recognition system. Said danger recognition system comprises two sensors that are oriented counter to the direction of travel, at least one evaluation and interpretation unit per sensor for determining the geometrical data and movement data of the detected object, at least one display unit per sensor, and at least one information, control, and/or regulating device which acts upon the vehicle brake system, the vehicle steering system, and/or other vehicle subassemblies. The invention allows the development of a danger recognition system for vehicles, which comprises at least one lateral and rear environment detection unit, autonomously recognizes existing and imminent dangerous situations, and causes the driver who does not react in time to at least optionally verify the situation.

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G01S 13/93

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Citation (search report)
See references of WO 2004068164A2

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