

Title (en)
Procedure enabling automatic compensation of measuring error between two obstacle detection sensors present in the blind spot of an automobile

Title (de)
Verfahren, das ein automatisches Kompensieren des Messfehlers zwischen zwei Sensoren zur Erfassung von Hindernissen, die im toten Winkel eines Kraftfahrzeugs liegen, ermöglicht.

Title (fr)
Procédé permettant de compenser automatiquement l'erreur de mesure entre deux capteurs de détection d'obstacles présents dans l'angle mort d'un véhicule automobile

Publication
EP 1701325 A1 20060913 (FR)

Application
EP 06300027 A 20060112

Priority
FR 0500360 A 20050113

Abstract (en)
The method involves calculating a compensation coefficient during detection of a fixed obstacle causing a change of state of an output signal of a rear sensor and a delay output signal of a front sensor, when slopes of the change of state of the signals have same sign and absolute values of the slopes are greater than a determined threshold value. The calculated coefficient is added to output measurement signal of the front sensor.

IPC 8 full level
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CPC (source: EP)
G08G 1/165 (2013.01); **G08G 1/166** (2013.01); **G08G 1/167** (2013.01)

Citation (search report)

- [A] DE 10125426 A1 20021128 - BOSCH GMBH ROBERT [DE]
- [A] US 2002126002 A1 20020912 - PATCHELL JOHN W [CA]
- [A] FR 2698449 A1 19940527 - RENAULT [FR]

Cited by
EP2083410A3; CN102831786A; US7932835B2

Designated contracting state (EPC)
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