

Title (en)
ASSISTANCE SYSTEM FOR MOTOR VEHICLES

Title (de)
ASSISTENZSYSTEM FÜR KRAFTFAHRZEUGE

Title (fr)
SYSTEME D'ASSISTANCE POUR AUTOMOBILE

Publication
EP 1751728 B1 20080102 (DE)

Application
EP 05747888 A 20050513

Priority
• EP 2005052224 W 20050513
• DE 102004026590 A 20040601

Abstract (en)
[origin: US7737832B2] An assistance system for motor vehicles has at least one monitoring unit monitoring a space external to a vehicle, in particular in a direction of travel of the motor vehicle, with a warning zone being defined in the monitored external space on each side of a lane. The warning zone is delimited by an earliest warning line and a latest warning line encompassing the respective lane marking or, as the case may be, boundary. An evaluation unit receives the data transmitted by the monitoring unit and generates a warning signal for an acoustic, visual and/or haptic warning and/or a steering intervention if the evaluation unit detects that a defined warning threshold lying within the warning zone is exceeded. The warning signal is issued only as a function of further planned driver-adaptive conditions.

IPC 8 full level
G08G 1/16 (2006.01); **B62D 15/02** (2006.01); **G05D 1/02** (2006.01)

CPC (source: EP US)
G08G 1/161 (2013.01 - EP US)

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DE102009050941B4; DE102009050941A1

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