

Title (en)  
SAFETY SYSTEM FOR A VEHICLE

Title (de)  
SICHERHEITSSYSTEM FÜR EIN FAHRZEUG

Title (fr)  
SYSTÈME DE SÉCURITÉ POUR VÉHICULE

Publication  
**EP 2785571 A4 20170607 (EN)**

Application  
**EP 12853148 A 20121122**

Priority  
• SE 1151130 A 20111128  
• SE 2012051291 W 20121122

Abstract (en)  
[origin: WO2013081533A1] The invention relates to a safety system for a vehicle, comprising a forward looking camera (FLC) adapted to identifying and detecting circumstances and events substantially in front of the vehicle and to delivering a camera signal 2 based thereon. The safety system comprises an analysis unit 4 with a memory unit 6, a first regulating unit CU1 and a second regulating unit CU2. Said camera signal 2 is arranged to be conveyed to the analysis unit 4, and a set of safety rules for the vehicle and a set of driving rules for the vehicle are stored in the memory unit 6. The analysis unit 4 is adapted to analysing the camera signal 2 with respect to said set of safety rules for the vehicle and to delivering on the basis of the results of the analysis a first analysis signal 8 which is conveyed to said first regulating unit CU1, which is adapted to regulating one or more safety-regulated functions for the vehicle in response to first analysis signal 8. The analysis unit 4 is also adapted to analysing the camera signal 2 with respect to said set of driving rules for the vehicle and to delivering on the basis of the results of the analysis a second analysis signal 10 which is conveyed to said second regulating unit CU2, which is adapted to regulating one or more dynamic characteristics for the vehicle in response to said second analysis signal 10.

IPC 8 full level  
**B60W 30/08** (2012.01); **B60W 30/10** (2006.01); **B60W 30/12** (2020.01); **B60W 30/14** (2006.01); **B60W 30/16** (2020.01); **B60W 40/08** (2012.01); **B60W 50/14** (2020.01); **B60W 50/16** (2020.01); **G08G 1/16** (2006.01)

CPC (source: CN EP SE US)  
**B60K 31/0008** (2013.01 - SE); **B60W 30/08** (2013.01 - CN EP SE); **B60W 30/10** (2013.01 - EP SE); **B60W 30/12** (2013.01 - SE); **B60W 30/14** (2013.01 - EP SE); **B60W 30/16** (2013.01 - SE US); **B60W 50/14** (2013.01 - EP SE); **B60W 50/16** (2013.01 - EP); **G08G 1/16** (2013.01 - SE); **G08G 1/166** (2013.01 - CN EP); **G08G 1/167** (2013.01 - EP); **B60W 30/16** (2013.01 - CN EP); **B60W 2040/0827** (2013.01 - EP); **B60W 2050/143** (2013.01 - EP); **B60W 2420/403** (2013.01 - CN EP); **B60W 2552/00** (2020.02 - EP); **B60W 2552/05** (2020.02 - EP SE); **B60W 2552/15** (2020.02 - EP); **B60W 2552/20** (2020.02 - EP); **B60W 2552/25** (2020.02 - EP); **B60W 2552/30** (2020.02 - EP); **B60W 2552/35** (2020.02 - EP US); **B60W 2552/40** (2020.02 - EP); **B60W 2552/53** (2020.02 - SE); **B60W 2554/00** (2020.02 - EP); **B60W 2554/40** (2020.02 - SE); **B60W 2554/4041** (2020.02 - EP SE); **B60W 2554/4042** (2020.02 - SE); **B60W 2554/406** (2020.02 - US); **B60W 2554/80** (2020.02 - EP SE); **B60W 2554/801** (2020.02 - EP); **B60W 2554/802** (2020.02 - US); **B60W 2555/60** (2020.02 - SE); **B60W 2556/45** (2020.02 - EP); **B60W 2556/55** (2020.02 - EP); **B60W 2556/65** (2020.02 - EP); **B60W 2710/18** (2013.01 - SE); **B60W 2710/20** (2013.01 - SE); **B60W 2710/22** (2013.01 - SE)

Citation (search report)  
• [Y] DE 102010009898 A1 20110908 - GM GLOBAL TECH OPERATIONS INC [US]  
• [Y] JP H0611570 A 19940121 - MATSUSHITA ELECTRIC IND CO LTD  
• [Y] JP H1038560 A 19980213 - TOYOTA MOTOR CORP  
• [Y] DE 102006004772 A1 20070809 - BOSCH GMBH ROBERT [DE]  
• [Y] WO 2008103119 A1 20080828 - SCANIA CV ABP [SE], et al  
• [Y] US 2010292888 A1 20101118 - TAGUCHI KOJI [JP]  
• [Y] EP 1764758 A1 20070321 - HONDA MOTOR CO LTD [JP]  
• [Y] US 2008234900 A1 20080925 - BENNETT JAMES D [US]  
• [Y] DE 102004054854 A1 20060518 - DAIMLER CHRYSLER AG [DE]  
• [Y] DE 19921997 A1 20001116 - VOLKSWAGEN AG [DE]  
• [Y] WO 2009158469 A1 20091230 - FORD GLOBAL TECH LLC [US], et al  
• See references of WO 2013081533A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013081533 A1 20130606**; CN 103958314 A 20140730; EP 2785571 A1 20141008; EP 2785571 A4 20170607; SE 1151130 A1 20130529; SE 538840 C2 20161227

DOCDB simple family (application)  
**SE 2012051291 W 20121122**; CN 201280058482 A 20121122; EP 12853148 A 20121122; SE 1151130 A 20111128