

Title (en)
VEHICLE CONTROL SYSTEM

Title (de)
FAHRZEUGSTEUERUNGSSYSTEM

Title (fr)
SYSTEME DE COMMANDE DE VEHICULE

Publication
EP 2990295 A1 20160302 (EN)

Application
EP 15181593 A 20150819

Priority
JP 2014172176 A 20140827

Abstract (en)
Included are: a vehicle configured to travel on a track; a first sensor placed above the ground and configured to detect an obstacle on the track where the vehicle travels; a second sensor mounted on the vehicle and configured to detect an obstacle on the track where the vehicle travels; and a vehicle control apparatus mounted on the vehicle and configured to control the driving of the vehicle, or to present, to a driver of the vehicle, information to instruct acceleration/deceleration of the vehicle or information of an obstacle on the track. The vehicle control apparatus controls the driving of the vehicle, or presents information to the driver of the vehicle, based on information of the obstacle detected by the first sensor or information of the obstacle detected by the second sensor.

IPC 8 full level
B61L 23/04 (2006.01); **B61L 3/00** (2006.01); **B61L 15/00** (2006.01); **B61L 27/00** (2006.01)

CPC (source: EP)
B61L 23/041 (2013.01); **B61L 15/0027** (2013.01); **B61L 15/0062** (2024.01); **B61L 27/20** (2022.01)

Citation (applicant)
• JP 2009202635 A 20090910 - MITSUBISHI ELECTRIC CORP
• JP 2001270442 A 20011002 - MITSUBISHI ELECTRIC CORP

Citation (search report)
• [X] WO 2013121344 A2 20130822 - VENKATRAMAN BALAJI [IN]
• [X] GB 2384379 A 20030723 - INVIDEO LTD [GB]
• [X] CN 203158028 U 20130828 - ITS R HONGKONG LTD
• [X] US 2011058041 A1 20110310 - KISTER ANDREAS [DE]
• [A] JP 3554044 B2 20040811

Cited by
EP4032782A4; CN107487339A; EP3984807A4; EP3333006A1; FR3059948A1; CN109153393A; EP3466793A4; EP3756971A1; WO2020078137A1; WO2020261714A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2990295 A1 20160302; JP 2016046998 A 20160404; JP 6336857 B2 20180606

DOCDB simple family (application)
EP 15181593 A 20150819; JP 2014172176 A 20140827