Title (en)
METHOD AND SYSTEM FOR AUTOMATIC TRUCK SYSTEM

Title (de)
VERFAHREN UND SYSTEM FÜR EIN AUTOMATISCHES LASTWAGENSYSTEM

Title (fr)
PROCÉDÉ ET SYSTÈME POUR SYSTÈME DE CAMION AUTOMATIQUE

Publication
EP 2115541 A4 20110406 (EN)

Application
EP 08705369 A 20080128

Priority
• SE 2008050097 W 20080128
• SE 0700280 A 20070205

Abstract (en)
[origin: WO2008097173A1] The present invention is related to a driverless truck system comprising at least one traction vehicle (A) with a guiding system (6, 11) arranged to be able to follow a line- shaped marking (C) arranged on the ground, which traction vehicle (A) comprises a chassis (1), a propulsion system (2), a control unit (4), safety arrangements (5), a superstructure (7) and at least one common 12 or 24 volt battery (1OA, 10B) as energy source, said propulsion system (2) utilising two drive wheels (200, 201) arranged to be able to be driven by one electric motor each (204, 205), independently of each other, said guiding system (6, 11) comprises a sensor part (6) with multiple sensors (601 A- 601G) positioned in the lateral direction of the vehicle and arranged to be able to produce a signal image by aid of which the relative position of the vehicle in relation to the centre line (Cc) of said line-shaped marking (C) can be determined, the same number of signal transmitting units (602A-602G) preferably being used.

IPC 8 full level
B62D 1/28 (2006.01); **G05D 1/02** (2020.01)

CPC (source: EP SE)
B60L 50/66 (2019.01 - EP); **B62D 1/283** (2013.01 - EP); **G05D 1/43** (2024.01 - SE); **G05D 1/693** (2024.01 - SE); Y02T 10/70 (2013.01 - EP)

Citation (search report)
• [XYI] JP 2001175331 A 20010629 - RHYTHM CORP
• [YA] US 5066854 A 19911119 - MEYER URS [CH], et al
• [A] FR 2789643 A1 20000818 - BOUGARD PHILIPPE [FR]
• See references of WO 2008097173A1

Citation (examination)
• US 3796443 A 19740312 - CRUTCHFIELD J
• US 4625973 A 19861202 - DALLAIRE JEAN-GUY [CA]

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

DOCDB simple family (publication)
WO 2008097173 A1 20080814; EP 2115541 A1 20091111; EP 2115541 A4 20110406; SE 0700280 L 20080806; SE 531406 C2 20090324

DOCDB simple family (application)
SE 2008050097 W 20080128; EP 08705369 A 20080128; SE 0700280 A 20070205