

Title (en)

CONTROL NETWORK FOR MOTOR VEHICLES

Title (de)

STEUERUNGSNETZWERK FÜR KRAFTFAHRZEUGE

Title (fr)

RÉSEAU DE COMMANDE POUR VÉHICULE AUTOMOBILE

Publication

EP 2301175 A1 20110330 (DE)

Application

EP 09772210 A 20090430

Priority

- EP 2009055256 W 20090430
- DE 102008040024 A 20080630

Abstract (en)

[origin: WO2010000510A1] Control network for motor vehicles, having nodes (10) in the form of controllers (PSS, EH), sensors (R1, R2, U) and/or actuators (A1, A2) which are connected to one another and time-synchronized by a time-controlled bus (12), characterized in that each node (10) has a time reference system (14, 16) which is synchronized to the bus (12) and which indicates a global time which is common to all nodes, and in that at least one node has a time coordination system (18) which coordinates, for a plurality of actions which are to be performed by different nodes, the global times at which these actions are to be performed.

IPC 8 full level

H04J 3/06 (2006.01); **B60R 16/023** (2006.01); **H04L 12/417** (2006.01)

CPC (source: EP US)

H04L 12/417 (2013.01 - EP US); **H04J 3/0652** (2013.01 - EP US)

Citation (search report)

See references of WO 2010000510A1

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008040024 A1 20091231; EP 2301175 A1 20110330; US 2011172849 A1 20110714; WO 2010000510 A1 20100107

DOCDB simple family (application)

DE 102008040024 A 20080630; EP 09772210 A 20090430; EP 2009055256 W 20090430; US 200913001959 A 20090430