

Title (en)

POSITIONING SYSTEM FOR RACING CARS

Title (de)

ORTUNGSSYSTEME FÜR RENNFAHRZEUGE

Title (fr)

SYSTEME DE LOCALISATION POUR VOITURES DE COURSE

Publication

EP 1224648 B1 20040428 (DE)

Application

EP 00969549 A 20001025

Priority

- DE 19952297 A 19991029
- DE 19962788 A 19991223
- EP 0010518 W 20001025

Abstract (en)

[origin: WO0133530A1] A positioning system for racing cars is disclosed, which comprises a vehicle information device mounted in a racing car, with a positioning device for gathering and output of positional data, by means of which the position of the racing car can be fixed and a transmitter for sending the positional data to a control centre. A number of such vehicle information devices, operated in cooperation with a computational device, allow a useful execution of a positioning system, whereby said computational unit calculates the position of each car on the circuit from the transmitted positional data and stored race track data. The position of each of the race cars can be fixed using the virtual map of the race track course, in the form of the race track data and the transmitted positional data, without the need to establish positioning devices at essentially all the points around the race track. A vehicle coming to rest or leaving the race track can also be determined and precisely located without additional requirements.

IPC 1-7

G08G 1/127

IPC 8 full level

G08G 1/123 (2006.01); **G08G 1/13** (2006.01); **G08G 1/127** (2006.01)

CPC (source: EP)

G08G 1/127 (2013.01); **G08G 1/20** (2013.01)

Cited by

WO2024120357A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0133530 A1 20010510; AT E265728 T1 20040515; AU 7922700 A 20010514; CA 2427718 A1 20010510; DE 19962788 A1 20010906; DE 50006276 D1 20040603; EP 1224648 A1 20020724; EP 1224648 B1 20040428; HU P0203088 A2 20030128; JP 2003514293 A 20030415

DOCDB simple family (application)

EP 0010518 W 20001025; AT 00969549 T 20001025; AU 7922700 A 20001025; CA 2427718 A 20001025; DE 19962788 A 19991223; DE 50006276 T 20001025; EP 00969549 A 20001025; HU P0203088 A 20001025; JP 2001535949 A 20001025