

Title (en)

CONTROL OF ADDITIONAL FUNCTIONS OF TOY VEHICLES IN A DIGITAL CONTROL SYSTEM

Title (de)

STEUERN VON ZUSATZFUNKTIONEN VON FAHRSPIELZEUGEN IN EINEM DIGITALEN STEUERSYSTEM

Title (fr)

COMMANDE DE FONCTIONS AUXILIAIRES DE VEHICULES MINIATURES DANS UN SYSTEME DE COMMANDE NUMERIQUE

Publication

EP 2021091 A1 20090211 (DE)

Application

EP 07724310 A 20070417

Priority

- EP 2007003373 W 20070417
- DE 102006023132 A 20060517

Abstract (en)

[origin: US2009130951A1] The invention relates to a method for operating a digital control system for several objects to be controlled, in particular for track-guided toy vehicles on a car racing track, with in each case at least one digital decoder in each object to be controlled and with several operating devices, which each have at least one activation element for controlling an object assigned to the operating device. The assignment of the operating device to an object is set up by a digital address being assigned to each operating device. The digital decoder, depending on the status information of the activation element of the assigned operating device, transmits control commands to the toy vehicle. By this process, the digital decoder selects the control commands derived from the status information for the toy vehicle, depending additionally on the physical state of the toy vehicle.

IPC 8 full level

A63H 19/24 (2006.01); **A63H 19/32** (2006.01)

CPC (source: EP US)

A63H 18/12 (2013.01 - EP US); **A63H 30/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2007131587A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

US 2009130951 A1 20090521; **US 8585457 B2 20131119**; AT E476236 T1 20100815; DE 102006023132 A1 20071122; DE 102006023132 B4 20121115; DE 502007004655 D1 20100916; EP 2021091 A1 20090211; EP 2021091 B1 20100804; ES 2350274 T3 20110120; WO 2007131587 A1 20071122

DOCDB simple family (application)

US 30071907 A 20070417; AT 07724310 T 20070417; DE 102006023132 A 20060517; DE 502007004655 T 20070417; EP 07724310 A 20070417; EP 2007003373 W 20070417; ES 07724310 T 20070417