

Title (en)

GAMING MACHINE

Title (de)

UNTERHALTUNGSSPIELGERÄT

Title (fr)

APPAREIL DE JEU DE DIVERTISSEMENT

Publication

EP 2769366 A1 20140827 (DE)

Application

EP 12784505 A 20121018

Priority

- DE 102011054729 A 20111021
- EP 2012070619 W 20121018

Abstract (en)

[origin: DE102011054729A1] The controlling device has a control unit (14) which is connected to a master unit (18). The master unit is connected to slave units (19) via a two-wire connector (28). Each slave unit is provided with input element such as push button and output element such as LED. The master unit is provided with a microcontroller to which a MOSFET is connected. The power is supplied to the slave units via a signal line of master unit based on the data output of microcontroller of master unit via MOSFET. Independent claims are included for the following: (1) method for controlling input and output elements of entertainment apparatus; and (2) entertainment apparatus.

IPC 8 full level

G07F 17/32 (2006.01)

CPC (source: EP US)

G07F 17/3202 (2013.01 - EP US); **G07F 17/3209** (2013.01 - EP US); **G07F 17/3223** (2013.01 - EP US); **G07F 17/34** (2013.01 - EP US)

Citation (search report)

See references of WO 2013057170A1

Citation (examination)

- US 4652998 A 19870324 - KOZA JOHN R [US], et al
- DE 10206657 A1 20030918 - SCHIFF ANDREAS [DE]
- US 2008049606 A1 20080228 - RHELIMI ALAIN [FR], et al
- US 5473635 A 19951205 - CHEVROULET MICHEL [CH]
- DE 202010016972 U1 20110505 - VERKEHRS UND LEITSYSTEMEN GMBH [DE]
- EP 2045971 A1 20090408 - HARMAN BECKER AUTOMOTIVE SYS [DE]
- FUJI ELECTRIC DEVICES TECHNOLOGY CO. ET AL: "FUJI IGBT MODULES APPLICATION MANUAL", 1 February 2004 (2004-02-01), XP055625657, Retrieved from the Internet <URL:https://w5jgv.com/hv-ps1/pdf/fuji_igbt_application_manual(REH984).pdf> [retrieved on 20190924]

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)

DE 102011054729 A1 20130425; DE 102011054729 B4 20131219; AU 2012324912 A1 20140508; AU 2012324912 B2 20161117; CA 2852839 A1 20130425; CL 2014000975 A1 20140718; EP 2769366 A1 20140827; MX 2014004660 A 20150602; MX 352047 B 20171107; US 2014256440 A1 20140911; WO 2013057170 A1 20130425; WO 2013057170 A8 20140821; ZA 201403610 B 20151223

DOCDB simple family (application)

DE 102011054729 A 20111021; AU 2012324912 A 20121018; CA 2852839 A 20121018; CL 2014000975 A 20140416; EP 12784505 A 20121018; EP 2012070619 W 20121018; MX 2014004660 A 20121018; US 201214352789 A 20121018; ZA 201403610 A 20140519