

Title (en)

Electrical outlet having wireless control capabilities

Title (de)

Steckdose mit drahtlosen Steuerungsfunktionen

Title (fr)

Prise de courant électrique ayant des capacités de commande sans fil

Publication

EP 2793323 A1 20141022 (EN)

Application

EP 14001159 A 20140328

Priority

- US 201361812070 P 20130415
- US 201361812548 P 20130416
- US 201414226017 A 20140326

Abstract (en)

A line-in power (12) is connectable to the disclosed outlet housing (11) similar to any known power outlet. This provided power is used to drive an AC/DC converter to create a DC bus internal to the outlet housing (11). This DC bus powers the electronics, including, for example, a wireless transceiver (20) incorporated within the outlet housing (11). In at least one instance, the wireless transceiver (20) will receive a command from another wireless device to turn power ON or OFF to the local outlet (14) and the downstream (e.g. daisy-chained, etc.) outlets (15a, 15b..., 15n). These outlets (15a, 15b..., 15n) can be wired to the output terminations (push-in and/or other) on the back of the local outlet (14) and/or outlet housing (11), or may be connected through any other suitable electrical connection

IPC 8 full level

H01R 24/52 (2011.01); **H01R 13/66** (2006.01); **H01R 13/703** (2006.01); **H01R 24/76** (2011.01)

CPC (source: EP US)

H01R 13/7038 (2013.01 - EP US); **H01R 24/76** (2013.01 - EP); **H05B 47/19** (2020.01 - EP US)

Citation (applicant)

US 201213591371 A 20120822

Citation (search report)

- [X] TW M443949 U 20121221 - ARC TECHNOLOGY CO LTD [TW] & GB 2503526 A 20140101 - ARC TECHNOLOGY CO LTD [TW]
- [X] GB 2443904 A 20080521 - WONDERGEM TANA LEONARDUS [GB], et al
- [X] DE 202007003270 U1 20070510 - RONSKI HARALD [DE]

Citation (examination)

- KR 20120132406 A 20121205
- US 2009206819 A1 20090820 - DESCOMBES ARTHUR [CH]
- KR 20080035895 A 20080424 - LG TELECOM LTD [KR], et al

Cited by

EP2907151A4; US9660447B2

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)

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DOCDB simple family (application)

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