

Title (en)  
POWER ADAPTER

Title (de)  
ENERGIEADAPTER

Title (fr)  
ADAPTATEUR DE PUISSANCE

Publication  
**EP 2822110 A4 20150701 (EN)**

Application  
**EP 13876263 A 20130326**

Priority  
• CN 201320091773 U 20130228  
• CN 2013073167 W 20130326

Abstract (en)  
[origin: EP2822110A1] The invention relates to a power adapter. Plug input section of it comprises a plug bottom shell and a plug face shell, thus to form a cylindrical accommodating space. Inside of the accommodating space is arranged with a first conductive electrode slice group, a main positioning switch and at least two groups of standard plugs from different countries or regions. There are at least two guides formed along axial direction in the plug face shell. Guide quantity matches with that of plug group. The main positioning switch is located between each plug, and can move back and forth along radial direction under external force action. The main positioning switch is arranged with a reset spring, and one end of the reset spring touches inner wall of the plug face shell. There are at least two locating detents formed along the axial direction of the main positioning switch. Each plug is configured with a toggle button. A located block which is sure to touch the main positioning switch is formed on the plug body. So long as one group of plug thereof is at stretching out working state, any one group of other plugs inside can be selected for switchover, which is easy to operate.

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**H01R 27/00** (2006.01); **H01R 31/06** (2006.01); **H01R 103/00** (2006.01)

CPC (source: EP)  
**H01R 27/00** (2013.01); **H01R 31/06** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)  
• [I] US 7950938 B1 20110531 - TEOH LING FONG [MY]  
• [I] US 7445513 B1 20081104 - LEE ANTHONY [CN]  
• [IA] US 2011097915 A1 20110428 - RUFFNER WALTER [AG]  
• [A] GB 2484145 A 20120404 - GEN JACK TECHNOLOGY LTD [CN]  
• See references of WO 2014131216A1

Cited by  
WO2018064780A1; CH713016A1; EP3376607A4; US10686285B2

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)  
**EP 2822110 A1 20150107; EP 2822110 A4 20150701**; CN 203119236 U 20130807; WO 2014131216 A1 20140904

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**EP 13876263 A 20130326**; CN 2013073167 W 20130326; CN 201320091773 U 20130228