

Title (en)  
ELECTRICAL SOCKET OUTLET

Title (de)  
ELEKTRISCHE STECKDOSE

Title (fr)  
PRISE DE COURANT ÉLECTRIQUE

Publication  
**EP 3043424 A1 20160713 (EN)**

Application  
**EP 15202396 A 20151223**

Priority  
KR 20150001327 A 20150106

Abstract (en)  
Provided is an electrical socket outlet that can prevent an accident from happening with a press plate locking device of the electrical socket outlet, since a safe plate does not fall down other than an insertion of an electrical cord, completely block foreign matters such as dust from being introduced into the electrical socket outlet, by blocking the respective holes of a safe plate, and make it easy to confirm a plug-in state with the naked eye in the daytime and at night.

IPC 8 full level  
**H01R 13/453** (2006.01); **H01R 13/717** (2006.01); **H01R 25/00** (2006.01)

CPC (source: EP KR)  
**H01R 13/4532** (2013.01 - EP KR); **H01R 13/7175** (2013.01 - EP KR); **H01R 25/003** (2013.01 - KR); **H01R 25/003** (2013.01 - EP)

Citation (applicant)  
KR 20130120450 A 20131010

Citation (search report)  
• [Y] KR 101420123 B1 20140717 - RO SUNG TAE [KR]  
• [Y] KR 20140037905 A 20140327 - KIM JONG IL [KR], et al  
• [YDA] KR 20130122594 A 20131107 - KIM JONG IL [KR], et al & US 2015104960 A1 20150416 - KIM JONG IL [KR], et al  
• [A] EP 2385588 A1 20111109 - SHIN HUN-SOO [KR]  
• [A] EP 2403071 A1 20120104 - SCHNEIDER ELECTRIC IND SAS [FR]  
• [A] GB 2359202 A 20010815 - MATSUSHITA ELECTRIC WORKS LTD [JP]  
• [A] KR 100883663 B1 20090306 - JINHEUNG ELECTRIC CO LTD [KR]

Cited by  
EP3651278A1; FR3088147A1; CN111092322A; CN109560427A; EP3512045A1; ES2719901A1; FR3088145A1; WO2019091985A1; EP3651277A1; FR3088146A1

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 3043424 A1 20160713**; **EP 3043424 B1 20200805**; KR 101555956 B1 20151001; KR 20150015032 A 20150209

DOCDB simple family (application)  
**EP 15202396 A 20151223**; KR 20150001327 A 20150106