

Title (en)

Electrical switching device with indicator means

Title (de)

Elektrische Schaltvorrichtung mit Anzeigemittel

Title (fr)

Dispositif de commutation électrique avec moyens indicateurs

Publication

EP 1632967 A1 20060308 (DE)

Application

EP 05019091 A 20050902

Priority

DE 102004042861 A 20040904

Abstract (en)

The device has an operating unit (12.2) for switch contacts and an indicator unit (30A1) indicating a switching state of the device. The indicator unit has an electronic unit, which controls a supply voltage of the indicator unit. An energy transmitter (63) wirelessly transmits an electrical energy between supply and load sides to an energy receiver. A wireless energy transformer is provided between the transmitter and the receiver.

IPC 8 full level

H01H 9/16 (2006.01)

CPC (source: EP)

H01H 9/168 (2013.01); **H01H 9/167** (2013.01); **H01H 13/023** (2013.01); **H01H 2207/048** (2013.01)

Citation (applicant)

- EP 0417048 A2 19910313 - TSCHUDIN & HEID AG [CH]
- EP 0632474 B1 19970305 - SCHNEIDER ELECTRIC SA [FR]
- DE 3237589 A1 19840412 - SCHLEGEL GEORG FA [DE]
- DE 3725011 C2 19960515 - APAG ELEKTRONIK AG [CH]

Citation (search report)

- [DA] DE 3725011 A1 19890209 - APAG ELEKTRONIK AG [CH]
- [A] DE 1175012 B 19640730 - FERNKABEL GES MIT BESCHRAENKTE
- [PA] DE 102004006289 A1 20050825 - SIEMENS AG [DE]

Cited by

EP2061054A3; US2011074304A1; DE102008031767B4; EP2285000A3; EP2463873A1; WO2009141112A1; WO2012080210A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1632967 A1 20060308; **EP 1632967 B1 20070613**; AT E364890 T1 20070715; DE 102004042861 B3 20060518; DE 502005000850 D1 20070726; ES 2289631 T3 20080201; PL 1632967 T3 20070928; PT 1632967 E 20070918

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