

Title (en)
Electromagnetic relay

Title (de)
Elektromagnetisches Relais

Title (fr)
Relais électromagnétique

Publication
EP 2889886 A1 20150701 (EN)

Application
EP 14192786 A 20141112

Priority
JP 2013272304 A 20131227

Abstract (en)
An electromagnetic relay (1) includes a slide switch (2). The slide switch (2) includes a cover (70), and a slide lever (80) and an elastic test button (90) each housed in the cover (70). The cover (70) has an operation hole (71) formed in an opposite surface to one surface of a case (40). The operation hole (71) allows the sliding operation of the slide lever (80). The slide lever (80) is disposed to block the operation hole (71). The elastic test button (90) presses the slide lever (80) to bring the slide lever (80) into press contact with a ceiling surface (70b) of the cover (70). The slide switch (2) of the electromagnetic relay (1) inhibits the entry of foreign matters into the case (40), and prevents a contact failure or an actuation failure.

IPC 8 full level
H01H 3/50 (2006.01); **H01H 15/10** (2006.01); **H01H 50/32** (2006.01)

CPC (source: EP)
H01H 3/50 (2013.01); **H01H 15/102** (2013.01); **H01H 50/326** (2013.01); **H01H 2300/024** (2013.01)

Citation (applicant)
JP H1196875 A 19990409 - EH SCHRACK COMPONENTS AG

Citation (search report)
• [X] GB 2230384 A 19901017 - TELEMECANIQUE [FR]
• [Y] EP 1487001 A1 20041215 - OMRON TATEISI ELECTRONICS CO [JP]
• [Y] EP 0551777 A1 19930721 - HAGER ELECTRO [FR]
• [A] US 2009218202 A1 20090903 - FIETZ RALF-PETER [DE], et al

Cited by
DE102015110382A1; CN110892499A; CN109559935A; US11521816B2

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 2889886 A1 20150701; **EP 2889886 B1 20170322**; JP 2015125985 A 20150706; JP 6299214 B2 20180328

DOCDB simple family (application)
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