

Title (en)
Electric switch

Title (de)
Elektrischer Schalter

Title (fr)
Commutateur électrique

Publication
EP 2618357 A3 20141008 (DE)

Application
EP 12189161 A 20121019

Priority
DE 102012200922 A 20120123

Abstract (en)
[origin: EP2618357A2] The switch (10) has an overcurrent tripping device (20) to stop flow of current through the switch during thermal over-loading, where the overcurrent tripping device includes a shaft (30) to be rotated from a position to another position in an overcurrent situation to indicate an overcurrent situation. A thermal tripping device (60) includes another shaft (70) to be rotated in the event of rotation of the former shaft and thermal over-loading event so as to initiate switching off of the switch when the latter shaft is rotated.

IPC 8 full level
H01H 71/40 (2006.01); **H01H 71/04** (2006.01)

CPC (source: EP US)
H01H 71/04 (2013.01 - EP US); **H01H 71/40** (2013.01 - EP US); **H01H 89/00** (2013.01 - US); **H01H 71/2472** (2013.01 - EP US);
H01H 2009/0088 (2013.01 - US); **H01H 2071/042** (2013.01 - EP US)

Citation (search report)
• [X] DE 102008008032 A1 20090813 - SIEMENS AG [DE]
• [A] DE 19819242 A1 19991111 - AEG NIEDERSPANNUNGSTECH GMBH [DE]

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 2618357 A2 20130724; EP 2618357 A3 20141008; EP 2618357 B1 20160106; CN 103219205 A 20130724; CN 103219205 B 20170510;
DE 102012200922 A1 20130725; US 2013187746 A1 20130725; US 9558906 B2 20170131

DOCDB simple family (application)
EP 12189161 A 20121019; CN 201310024259 A 20130123; DE 102012200922 A 20120123; US 201213706393 A 20121206