

Title (en)  
Installation switchgear

Title (de)  
Installationsschaltgerät

Title (fr)  
Dispositif de commutation d'installation électrique

Publication  
**EP 1587125 B1 20070808 (DE)**

Application  
**EP 05007019 A 20050331**

Priority  
DE 102004019175 A 20040416

Abstract (en)  
[origin: EP1587125A1] The switch device has a main current path containing a series connection of a secondary contact point (4) with associated deionization chamber (9), a magnetic armature system (5) which can be opened by the secondary contact point (4), a main contact point (2), and a main thermal bimetallic trigger (3). Parallel to the secondary contact point is a parallel or selective current path containing a selective resistance (13) and a selective bimetallic trigger (12) which acts on the switch lock. The two triggers can permanently open the main contact point (2) via a switch lock. The main contact point has an associated extinguishing chamber (7) with extinguishing plates (8) arranged close to the deionization chamber. The main bimetallic trigger is arranged perpendicular to a fastening plane as is the main contact point.

IPC 8 full level  
**H01H 73/18** (2006.01); **H01H 71/10** (2006.01)

CPC (source: EP)  
**H01H 71/1081** (2013.01); **H01H 73/18** (2013.01)

Cited by  
CN103201808A; WO2011141170A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1587125 A1 20051019; EP 1587125 B1 20070808**; AT E369617 T1 20070815; DE 102004019175 A1 20051103;  
DE 502005001158 D1 20070920

DOCDB simple family (application)  
**EP 05007019 A 20050331**; AT 05007019 T 20050331; DE 102004019175 A 20040416; DE 502005001158 T 20050331