

Title (en)  
SWITCH DEVICE

Title (de)  
SCHALTEREINRICHTUNG

Title (fr)  
DISPOSITIF DE COMMUTATION

Publication  
**EP 2984670 B1 20180103 (DE)**

Application  
**EP 14739777 A 20140710**

Priority  
• DE 102013214593 A 20130725  
• EP 2014064842 W 20140710

Abstract (en)  
[origin: WO2015010916A1] The invention relates to a switch device (110, 210, 310, 410, 510) having at least two switches (120, 220, 320, 420, 520, 130, 230, 330, 430, 530) which are connected in series and which can be jointly switched on or switched off in order to switch on and switch off the switch device (110, 210, 310, 410, 510), wherein in each case one voltage-dependent discharge resistor (140, 240, 340, 440, 540, 150, 250, 350, 450, 550) is connected electrically in parallel to each of the switches (120, 220, 320, 420, 520, 130, 230, 330, 430, 530), said discharge resistor reducing its electrical resistance value when a prespecified response voltage is exceeded. According to the invention, provision is made for one of the discharge resistors (140, 240, 340, 440, 540) to be a selected discharge resistor which, when all of the switches (120, 220, 320, 420, 520, 130, 230, 330, 430, 530) of the switch device (110, 210, 310, 410, 510) are jointly switched off in the event of an overvoltage situation, always responds before the other discharge resistor or resistors (150, 250, 350, 450, 550) and reduces its resistance value by reducing the voltage which is applied to the associated switch (120, 220, 320, 420, 520, 130, 230, 330, 430, 530).

IPC 8 full level  
**H01H 33/14** (2006.01); **H01H 33/16** (2006.01)

CPC (source: EP)  
**H01H 33/14** (2013.01); **H01H 33/161** (2013.01); **H01H 2033/146** (2013.01)

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

DOCDB simple family (publication)  
**WO 2015010916 A1 20150129**; DE 102013214593 A1 20150219; EP 2984670 A1 20160217; EP 2984670 B1 20180103

DOCDB simple family (application)  
**EP 2014064842 W 20140710**; DE 102013214593 A 20130725; EP 14739777 A 20140710