

Title (en)  
INSTALLATION SWITCHING DEVICE HAVING AN ARC-QUENCHING UNIT

Title (de)  
INSTALLATIONSSCHALTGERÄT MIT EINER LICHTBOGENLÖSCHEINRICHTUNG

Title (fr)  
APPAREIL DE COUPURE D'INSTALLATION ÉQUIPÉ D'UN DISPOSITIF EXTINGUEUR D'ARC

Publication  
**EP 2507809 A1 20121010 (DE)**

Application  
**EP 10770731 A 20101021**

Priority  
• DE 102009056480 A 20091201  
• EP 2010006439 W 20101021

Abstract (en)  
[origin: CN201796768U] The utility model relates to a wiring switch device with an arc extinguishing device, in particular to an electrical wiring switch device (10) provided with a casing (11), a terminal connecting chamber (12) and the arc extinguishing device (14). The wiring switch device comprises an arc extinguishing chamber (15); and an arc extinguishing plate stack (16) with mutually parallelly stacked arc extinguishing plates (17) is arranged in the arc extinguishing chamber (15), wherein the arc extinguishing plates (17) are kept spaced with each other in a stacked direction. Besides, exhaust flows (19 and 20) can leave from the arc extinguishing chamber (15) at the positions of exhaust lateral surfaces (18). A first flow guide wall element (21) is arranged inside the wiring switch device casing (11), and at least partial exhaust flow (19) is guided into the terminal connecting chamber (12) by the aid of the first flow guide wall element (21).

IPC 8 full level  
**H01H 9/34** (2006.01)

CPC (source: EP)  
**H01H 9/342** (2013.01); **H01H 2009/348** (2013.01)

Citation (search report)  
See references of WO 2011066887A1

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)  
**DE 102009056480 A1 20110609**; **DE 102009056480 B4 20111208**; CN 201796768 U 20110413; EP 2507809 A1 20121010;  
WO 2011066887 A1 20110609

DOCDB simple family (application)  
**DE 102009056480 A 20091201**; CN 201020131098 U 20100205; EP 10770731 A 20101021; EP 2010006439 W 20101021