

Title (en)
INSTALLATION SWITCHGEAR

Title (de)
INSTALLATIONSSCHALTGERÄT

Title (fr)
APPAREIL DE COMMUTATION D'INSTALLATION

Publication
EP 2143122 A1 20100113 (DE)

Application
EP 08749075 A 20080424

Priority
• EP 2008003275 W 20080424
• DE 102007020114 A 20070428
• DE 102008017472 A 20080403

Abstract (en)
[origin: US2010127816A1] An installation switching device includes a housing, a main contact point having an arc quenching chamber, an input terminal, an output terminal, an impact-style armature system configured to move the main contact point to an open position, a latching mechanism having a latching point and configured to open an isolating contact point disposed in a secondary current path parallel to a main current path, a main thermostatic bimetallic strip configured to act on the latching point to as to cause the main contact point to remain in the open position, a current limiting resistor disposed in the secondary current path, a selective thermostatic bimetallic strip disposed in the secondary current path and configured to act on the latching mechanism, a handle configured to act on the latching mechanism so as to open and close the main contact point, and a phase connecting rail.

IPC 8 full level
H01H 71/10 (2006.01); **H02B 1/20** (2006.01)

CPC (source: EP US)
H01H 71/1081 (2013.01 - EP US); **H01H 71/08** (2013.01 - EP US); **H01H 71/40** (2013.01 - EP US)

Citation (search report)
See references of WO 2008131900A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2010127816 A1 20100527; **US 8093984 B2 20120110**; AT E528777 T1 20111015; CA 2684520 A1 20081106; CN 101689446 A 20100331; CN 201311892 Y 20090916; DE 102008017472 A1 20081106; EP 2143122 A1 20100113; EP 2143122 B1 20111012; WO 2008131900 A1 20081106

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US 59796408 A 20080424; AT 08749075 T 20080424; CA 2684520 A 20080424; CN 200820007944 U 20080428; CN 200880013027 A 20080424; DE 102008017472 A 20080403; EP 08749075 A 20080424; EP 2008003275 W 20080424