

Title (en)
Short-circuit resistor

Title (de)
Kurzschlusswiderstand

Title (fr)
Résistance de court-circuit

Publication
EP 2750155 B1 20150701 (FR)

Application
EP 12306684 A 20121227

Priority
EP 12306684 A 20121227

Abstract (en)
[origin: EP2750155A1] The apparatus has a main current circuit, and an auxiliary circuit in which current passes when the main circuit is cut-off after occurrence of a short-circuit. The auxiliary circuit comprises a current limiting resistor including flat coils (5) maintained by side flanges (1, 3) made of thermoplastic material. The resistor includes a variation unit for varying ohmic value of the resistor by association of the coils in parallel. Each coil includes a wire equipped with an electric insulation unit, where the wire is made of stainless steel. Independent claims are also included for the following: (1) a method for winding a magnetically neutral coil (2) a method for forming electric connections of a resistor.

IPC 8 full level
H01H 71/10 (2006.01); **H01C 3/06** (2006.01)

CPC (source: EP)
H01H 71/1081 (2013.01); **H01C 3/06** (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)
EP 2750155 A1 20140702; EP 2750155 B1 20150701; CN 103903821 A 20140702; CN 103903821 B 20180116

DOCDB simple family (application)
EP 12306684 A 20121227; CN 201310757447 A 20131227