

Title (en)
Electric resistance and installation switching device with electric resistance

Title (de)
Elektrischer Widerstand und Installationsschaltgerät mit elektrischem Widerstand

Title (fr)
Résistance électrique et commutateur d'installation doté d'une résistance électrique

Publication
EP 2284860 A3 20120725 (DE)

Application
EP 10008110 A 20100804

Priority
DE 102009036227 A 20090805

Abstract (en)
[origin: EP2284860A2] The electrical resistance (1) has a resistance element (2) and two connecting pieces (3,4) assigned to the resistance element. The resistance element is formed from a stack of partial-metal sheet pieces (5,6,7,8,9,10, 11). The partial-sheet metal pieces are arranged with their broad sides parallel to each other and in a stacking direction behind one another and spaced from each other. Independent claims are also included for the following: (1) a method for manufacturing an electrical resistance; and (2) an electric installation switching device with a contact point.

IPC 8 full level
H01H 71/10 (2006.01); **H01C 3/06** (2006.01); **H01C 3/10** (2006.01); **H01H 71/40** (2006.01)

CPC (source: EP)
H01C 3/06 (2013.01); **H01C 3/10** (2013.01); **H01H 71/1081** (2013.01); **H01H 71/40** (2013.01)

Citation (search report)

- [XY] CH 250845 A 19470930 - SATCHWELL LEONARD [GB]
- [XY] DE 102004033680 A1 20060126 - WOBLEN ALOYS [DE]
- [YDA] DE 10203443 A1 20030731 - ABB PATENT GMBH [DE]
- [XY] DE 4008422 A1 19910919 - ASEA BROWN BOVERI [DE]

Cited by
US11355268B2; JP2021534586A

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2284860 A2 20110216; EP 2284860 A3 20120725; CN 101996718 A 20110330; CN 201966013 U 20110907;
DE 102009036227 A1 20110217; DE 102009036227 B4 20150205

DOCDB simple family (application)
EP 10008110 A 20100804; CN 201010255026 A 20100805; CN 201020295392 U 20100805; DE 102009036227 A 20090805