

Title (en)
SURGE ARRESTER

Title (de)
ÜBERSpannungsABLEITER

Title (fr)
DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS

Publication
EP 2885789 A1 20150624 (DE)

Application
EP 13766914 A 20130905

Priority
• DE 102012217310 A 20120925
• EP 2013068353 W 20130905

Abstract (en)
[origin: WO2014048691A1] The invention relates to a surge arrester (1) having a fluid-tight housing (2). The housing has a ground contact (3) and a high-voltage contact (4), wherein the ground contact (3) and the high-voltage contact (4) each electrically connect the interior to the exterior of the housing (2). A discharge element (5) arranged in the housing (2) has a discharge column clamped between two end fittings (6, 7) by means of tension elements (11). An electrical connection of the ground contact (3) to the high-voltage contact (4) via the discharge element (5) can be established or interrupted from outside the housing (2) by means of a contact element (9) that can be moved in an axial direction by means of a moving apparatus (8). According to the invention, the contact element (9) is guided in a bore (26) of an end fitting (6, 7). Thus, the surge arrester (1) can be made very compact. In addition, a mechanically simple yet reliable design is possible due to the guidance of the contact element (9) in the bore (26) of the end fitting (6, 7).

IPC 8 full level
H01C 7/12 (2006.01)

CPC (source: EP)
H01C 7/12 (2013.01); **H01T 4/02** (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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102012217310 A1 20140327; CN 104641428 A 20150520; CN 104641428 B 20170630; EP 2885789 A1 20150624; EP 2885789 B1 20240320; EP 2885789 C0 20240320; JP 2015537369 A 20151224; JP 6025988 B2 20161116; KR 101733899 B1 20170508; KR 20150048191 A 20150506; WO 2014048691 A1 20140403

DOCDB simple family (application)
DE 102012217310 A 20120925; CN 201380048209 A 20130905; EP 13766914 A 20130905; EP 2013068353 W 20130905; JP 2015532362 A 20130905; KR 20157007538 A 20130905