

Title (en)

ARRESTER FOR SURGE PROTECTION

Title (de)

ABLEITER ZUM SCHUTZ VOR ÜBERSpannungen

Title (fr)

LIMITEUR POUR LA PROTECTION CONTRE LES SURTENSIONS

Publication

EP 3411932 B1 20230726 (DE)

Application

EP 17701496 A 20170125

Priority

- DE 102016101728 A 20160201
- EP 2017051562 W 20170125

Abstract (en)

[origin: WO2017133951A1] An arrester (1) for surge protection comprises a first electrode (2), a second electrode (3) and a discharge chamber (8) to allow an electrical discharge (9) to take place between the electrodes (2, 3) during a surge. The arrester (1) further comprises an insulator (4) that forms an inner wall (5) of the arrester (1), said inner wall (5) being provided with a protrusion (13).

IPC 8 full level

H01T 4/10 (2006.01); **H01T 4/12** (2006.01)

CPC (source: EP US)

H01T 1/10 (2013.01 - US); **H01T 1/12** (2013.01 - US); **H01T 1/14** (2013.01 - US); **H01T 1/24** (2013.01 - US); **H01T 4/10** (2013.01 - EP US); **H01T 4/12** (2013.01 - EP US)

Citation (examination)

- JP H0261971 A 19900301 - MATSUSHITA ELECTRIC IND CO LTD
- US 5563471 A 19961008 - MITANI TETSUYA [JP]

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 102016101728 A1 20170803; CN 108604776 A 20180928; EP 3411932 A1 20181212; EP 3411932 B1 20230726; JP 2019508844 A 20190328; US 10910795 B2 20210202; US 2019052064 A1 20190214; WO 2017133951 A1 20170810

DOCDB simple family (application)

DE 102016101728 A 20160201; CN 201780009347 A 20170125; EP 17701496 A 20170125; EP 2017051562 W 20170125; JP 2018539886 A 20170125; US 201716074767 A 20170125