

Title (en)

Lightning arrester device for the protection of electric lines.

Title (de)

Blitzableiteranordnung zum Schutz elektrischer Leitungen.

Title (fr)

Dispositif parafoudre pour la protection des lignes électriques.

Publication

**EP 0445054 B1 19941214 (FR)**

Application

**EP 91420071 A 19910301**

Priority

FR 9002897 A 19900302

Abstract (en)

[origin: EP0445054A1] Lightning arrester device for protection of electric lines, in particular, medium-voltage overhead lines, of the kind comprising a stack which is formed by varistors (1) and end electrodes (2) maintained under axial pressure, and which is arranged inside a sealed protective envelope (3), characterised in that between the elements constituting the stack (1-2) there is provided an insertion piece (4, 40) exhibiting elastic deformability to crushing thus maintaining the quality of the electrical connection between the adjacent elements whilst affording free zones able to receive the layer of adhesive (5, 50, 30) required for the mechanical assembly of said elements. <IMAGE>

IPC 1-7

**H01C 7/12**

IPC 8 full level

**H01C 7/12** (2006.01); **H01T 4/16** (2006.01)

CPC (source: EP)

**H01C 7/12** (2013.01); **H01T 4/16** (2013.01)

Cited by

AU2001243350B2; DE4306691A1; US5517382A; EP0545038A1; CH682858A5; US5291366A; US7433169B2; US11723145B2; US6430020B1; US8743525B2; US10685767B2; US11862967B2; US9906017B2; US10340688B2; US11990745B2; US10340110B2; US10679814B2; US11223200B2; WO0167467A1; WO0106522A3; US10447026B2; US11374396B2; US11881704B2; US10319545B2; US10707678B2; US10734176B2; US11165246B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI SE

DOCDB simple family (publication)

**EP 0445054 A1 19910904; EP 0445054 B1 19941214**; AT E115762 T1 19941215; CA 2037115 A1 19910903; DE 69105779 D1 19950126; DE 69105779 T2 19950427; DK 0445054 T3 19950123; ES 2065653 T3 19950216; FR 2659169 A1 19910906; FR 2659169 B1 19920619; TR 25323 A 19930101

DOCDB simple family (application)

**EP 91420071 A 19910301**; AT 91420071 T 19910301; CA 2037115 A 19910226; DE 69105779 T 19910301; DK 91420071 T 19910301; ES 91420071 T 19910301; FR 9002897 A 19900302; TR 18691 A 19910304