

Title (en)
Surge arrester.

Title (de)
Überspannungsableiter.

Title (fr)
Parafoudre.

Publication
EP 0545038 A1 19930609 (DE)

Application
EP 92117361 A 19921010

Priority
CH 355891 A 19911204

Abstract (en)
[origin: CA2081442A1] Surge Voltage Arrester This surge voltage arrester has two connecting fittings (1, 2) which are braced with respect to one another. At least one pellet (7) consisting of varistor material is clamped in between the connecting fittings (1, 2). It is intended to create a surge voltage arrester which can be produced using simple means and which, in addition, can be cast around in a simple manner. This is achieved in that at least two insulating clamping elements, which are arranged symmetrically, are provided for bracing the connecting fittings (1, 2). The clamping elements, the at least one pellet (7) and, partially, the connecting fittings (1, 2) have insulating plastic material cast around them to form a monolithic block. (Fig. 1)
[origin: CA2081442A1] This surge voltage arrester has two connecting fittings (1, 2) which are braced with respect to one another. At least one pellet (7) consisting of varistor material is clamped in between the connecting fittings (1, 2). It is intended to create a surge voltage arrester which can be produced using simple means and which, in addition, can be cast around in a simple manner. This is achieved in that at least two insulating clamping elements, which are arranged symmetrically, are provided for bracing the connecting fittings (1, 2). The clamping elements, the at least one pellet (7) and, partially, the connecting fittings (1, 2) have insulating plastic material cast around them to form a monolithic block.

Abstract (de)
Dieser Ueberspannungsableiter weist zwei gegeneinander verspannte Anschlussarmaturen (1, 2) auf. Zwischen den Anschlussarmaturen (1, 2) ist mindestens eine Pille (7) aus Varistormaterial eingespannt. Es soll ein Ueberspannungsableiter geschaffen werden, der mit einfachen Mitteln zu erstellen ist und der zudem einfach zu umgiessen ist. Dies wird dadurch erreicht, dass für die Verspannung der Anschlussarmaturen (1, 2) mindestens zwei symmetrisch angeordnete, isolierende Spannelemente vorgesehen sind. Die Spannelemente, die mindestens eine Pille (7) und teilweise die Anschlussarmaturen (1, 2) werden mit einem isolierenden Kunststoffmaterial zu einem monolithischen Block vergossen. <IMAGE>

IPC 1-7
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IPC 8 full level
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CPC (source: EP US)
H01C 7/12 (2013.01 - EP US)

Citation (search report)
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• [A] WO 9117554 A1 19911114 - ASEA BROWN BOVERI [SE]
• [A] EP 0230103 A2 19870729 - RAYCHEM GMBH [DE]
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• [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 155 (E-743)14. April 1989 & JP-A-63 312 602 (NGK INSULATORS)

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