

Title (en)  
Arrester

Title (de)  
Überspannungsableiter

Title (fr)  
Limiteur de surtension

Publication  
**EP 1083579 A3 20041215 (DE)**

Application  
**EP 00810723 A 20000815**

Priority  
DE 19942633 A 19990907

Abstract (en)  
[origin: US6594133B1] The surge arrester has a cylindrically symmetrical housing which can be grounded and through which a plug connection is passed which can be brought to a high-voltage potential. An active part which is aligned along the axis of symmetry is arranged in the housing and has two connection fittings and at least one varistor element arranged between the two connection fittings. The connection fittings and the at least one varistor element are braced with respect to one another by at least one loop forming a contact force. The insulation between the active part and the housing is ensured by a dielectric sleeve. The housing is in the form of a dielectric sleeve. The housing is in the form of a bottle and has a housing section in the form of a bottle neck, in which an electrical conductor is routed, which is connected to one of the two connection fittings, is electrically conductively connected to the plug connection, and is cylindrically symmetrical.

IPC 1-7  
**H01C 7/12**

IPC 8 full level  
**H01C 7/12** (2006.01)

CPC (source: EP US)  
**H01C 7/12** (2013.01 - EP US)

Citation (search report)

- [A] US 5517382 A 19960514 - LEUPP PETER [CH], et al
- [A] US 5625523 A 19970429 - NEDRIGA WALTER N [US]
- [A] US 5930102 A 19990727 - ROOK LARRY E [US]
- [A] US 5574613 A 19961112 - SHIRAKAWA SHINGO [JP], et al
- [A] DE 19622140 A1 19971204 - ASEA BROWN BOVERI [CH]

Cited by  
EP1603140A1; EP1383142A1; US7154726B2; US7369390B2; EP2600358A1; US8964346B2

Designated contracting state (EPC)  
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**US 6594133 B1 20030715**; AT E320072 T1 20060315; BR 0003990 A 20010403; DE 19942633 A1 20010308; DE 50012362 D1 20060504; EP 1083579 A2 20010314; EP 1083579 A3 20041215; EP 1083579 B1 20060308; HR P20000581 A2 20010831; HU 0003510 D0 20000906; HU P0003510 A2 20010730; HU P0003510 A3 20020828; JP 2001118707 A 20010427; JP 4555447 B2 20100929; PL 342384 A1 20010312

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**US 65586600 A 20000906**; AT 00810723 T 20000815; BR 0003990 A 20000904; DE 19942633 A 19990907; DE 50012362 T 20000815; EP 00810723 A 20000815; HR P20000581 A 20000905; HU P0003510 A 20000906; JP 2000267497 A 20000904; PL 34238400 A 20000906