

Title (en)
SURGE DIVERTER

Title (de)
ÜBERSPANNUNGSABLEITER

Title (fr)
PARASURTENSION

Publication
EP 1066640 B1 20020522 (DE)

Application
EP 99906008 A 19990308

Priority
• CH 9900105 W 19990308
• DE 19813135 A 19980325

Abstract (en)
[origin: US5936826A] The surge arrester has an axially symmetrical active portion (2) arranged between two connection fittings (1, 2). This active portion (2) contains varistor elements (12) stacked one above the other and also an axially symmetrical connecting element (13) of electrically conductive material arranged in the active portion (2) of the arrester between two successive varistor elements (12). At least four mounting places (16, 16'), which are uniformly distributed around the axis in the circumferential direction, are formed in the connecting element (13). Two first (16) of the mounting places support respectively one of two first loops (15) which act with contact force on the connecting element (13) and on the varistor elements (12) abutting the connecting element (13). Two second (16') of the mounting places support respectively one of two second loops (15) which act with contact force on the connecting element (13) and on the varistor elements (12) located under the connecting element. Such a surge arrester can have large constructional heights and is distinguished in addition by good mechanical and electrical properties.

IPC 1-7
H01C 7/12

IPC 8 full level
H01C 7/12 (2006.01); **H01T 4/06** (2006.01)

CPC (source: EP KR US)
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Cited by
US7369390B2; US7154728B2

Designated contracting state (EPC)
AT CH DE ES FI FR GB IE IT LI SE

DOCDB simple family (publication)
US 5936826 A 19990810; AT E218006 T1 20020615; AU 2607099 A 19991018; AU 745480 B2 20020321; CA 2324370 A1 19990930; CN 1160743 C 20040804; CN 1294745 A 20010509; CZ 20003399 A3 20011114; DE 19813135 A1 19990930; DE 59901504 D1 20020627; EP 1066640 A1 20010110; EP 1066640 B1 20020522; ES 2178389 T3 20021216; HR P20000617 A2 20010831; HU P0101291 A2 20010828; HU P0101291 A3 20020930; JP 2002508584 A 20020319; JP 4184601 B2 20081119; KR 100567174 B1 20060403; KR 20010042165 A 20010525; PL 343026 A1 20010730; RU 2218622 C2 20031210; UA 66844 C2 20040615; WO 9949477 A1 19990930; YU 57700 A 20040903

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US 11693798 A 19980717; AT 99906008 T 19990308; AU 2607099 A 19990308; CA 2324370 A 19990308; CH 9900105 W 19990308; CN 99804285 A 19990308; CZ 20003399 A 19990308; DE 19813135 A 19980325; DE 59901504 T 19990308; EP 99906008 A 19990308; ES 99906008 T 19990308; HR P20000617 A 20000919; HU P0101291 A 19990308; JP 2000538362 A 19990308; KR 20007010607 A 20000925; PL 34302699 A 19990308; RU 2000126761 A 19990308; UA 00106016 A 19990308; YU 57700 A 19990308