

Title (en)

OVERVOLTAGE PROTECTION DEVICE WITH MONITORING FUNCTION

Title (de)

ÜBERSpannungSSchutzVORRICHTUNG MIT ÜBERWACHUNGSfunktion

Title (fr)

DISPOSITIF DE PROTECTION CONTRE LES SURTENSIONS PRÉSENTANT UNE FONCTION DE SURVEILLANCE

Publication

**EP 3202005 A2 20170809 (DE)**

Application

**EP 15780802 A 20151001**

Priority

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- EP 2015072680 W 20151001

Abstract (en)

[origin: WO2016050907A2] The invention relates to an overvoltage protection device with a monitoring function (1), comprising a parallel connection of two current branches (A, B), wherein the first current branch (A) comprises a first overvoltage protection device (Ü1) and a second overvoltage protection device (Ü2) which are connected in series, the second current branch (B) comprises a third device (E3) and a fourth device (E4) which are connected in series. The first overvoltage device (Ü1) and the third device (E3) comprise, when in operation, a first common voltage potential (P1), and the second overvoltage device (Ü2) and the fourth device (E4) comprises, when in operation, a second common voltage potential (P2). A first measuring tap (M1) is provided between the first overvoltage protection device (Ü1) and the second overvoltage protection device (Ü2) and a second measuring tap (M2) is arranged between the third device (E3) and the fourth device (E4). A signal (S1, S2) is derived from the voltage between the first measuring tap (M1) and the second measuring tap (M2), said signal providing a status indication with respect to the first overvoltage protection device (Ü1) and the second overvoltage protection device (Ü2).

IPC 8 full level

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Citation (search report)

See references of WO 2016050907A2

Citation (examination)

- DE 3423444 A1 19850905 - AVE SPA [IT]
- DE 102011109007 A1 20130131 - EPCOS AG [DE]
- DE 102012022399 A1 20140522 - PHOENIX CONTACT GMBH & CO [DE]

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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