

Title (en)

DEVICE FOR PROTECTING AN ELECTRONIC CIRCUIT

Title (de)

VORRICHTUNG ZUM SCHUTZ EINER ELEKTRONISCHEN SCHALTUNG

Title (fr)

DISPOSITIF DE PROTECTION D'UN CIRCUIT ELECTRONIQUE

Publication

EP 1440230 A1 20040728 (DE)

Application

EP 02758111 A 20020723

Priority

- DE 0202694 W 20020723
- DE 10152252 A 20011020

Abstract (en)

[origin: WO03038257A1] The invention relates to a device for protecting an electronic circuit which is arranged in a housing and is insulated from the same. At least one connection is provided, by which means the electronic circuit is connected to a predetermined potential. A voltage-dependent resistance for protecting against ESD impulses and EMC irradiations is mounted between the housing and the at least one connection.

IPC 1-7

F02D 11/10; H02H 9/00

IPC 8 full level

F02D 9/10 (2006.01); **F02D 9/00** (2006.01); **F02D 11/10** (2006.01); **F02D 41/00** (2006.01); **F02D 41/30** (2006.01); **H03F 1/52** (2006.01)

CPC (source: EP US)

F02D 11/10 (2013.01 - EP US); **F02D 41/3005** (2013.01 - EP US)

Citation (search report)

See references of WO 03038257A1

Cited by

DE102010007155A1; EP2355312A2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 03038257 A1 20030508; DE 10152252 A1 20030430; DE 50210568 D1 20070906; EP 1440230 A1 20040728; EP 1440230 B1 20070725; JP 2005507050 A 20050310; JP 3978182 B2 20070919; US 2004252437 A1 20041216; US 7212388 B2 20070501

DOCDB simple family (application)

DE 0202694 W 20020723; DE 10152252 A 20011020; DE 50210568 T 20020723; EP 02758111 A 20020723; JP 2003540504 A 20020723; US 49295804 A 20040419