

Title (en)

Modular electrical assemblies with pressure relief.

Title (de)

Elektrische Modulareinheiten mit Druckentlastung.

Title (fr)

Ensembles modulaires électriques à décharge de pression.

Publication

**EP 0335480 A2 19891004 (EN)**

Application

**EP 89300653 A 19890124**

Priority

US 17631788 A 19880331

Abstract (en)

A modular electrical assembly (52) is enclosed in an elastomeric weathershed housing (58), and has a plurality of electrical components (60,62) aligned in a row and in electrical connection with one another via their axially-directed ends and under an axially-directed compressive force via a non-conductive filament winding (64). The filament winding (64) defines a crisscross pattern with lateral openings (128) for venting gas upon failure of one of the electrical components (60,62). The openings (128) can be filled with fracturable epoxy or other insulating materials (130) such as silicone grease.

IPC 1-7

**H01C 7/12**; **H01T 1/15**

IPC 8 full level

**H02H 9/04** (2006.01); **H01C 7/12** (2006.01); **H01T 1/15** (2006.01)

CPC (source: EP)

**H01C 7/126** (2013.01); **H01T 1/15** (2013.01)

Cited by

US5818677A; CN113130148A; CN103430247A; EP0872854A1; US5608597A; US5757604A; CN105895282A; DE10136617C1; CN1326161C; CN1044952C; US5363266A; EP0851549A1; FR2757693A1; US5875090A; CN105097153A; DE4306691A1; US5517382A; US5113306A; EP0393854A1; EP0595376A3; EP0614198A2; US7120001B2; WO9750098A1; WO03009310A3; WO9326017A1; WO9750097A1; WO9307630A1; EP1069574A2

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