

Title (en)
MODULAR ELECTRICAL ASSEMBLIES WITH PRESSURE RELIEF

Publication
EP 0335480 B1 19921223 (EN)

Application
EP 89300653 A 19890124

Priority
US 17631788 A 19880331

Abstract (en)
[origin: EP0335480A2] 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

Designated contracting state (EPC)
CH DE FR GB LI SE

DOCDB simple family (publication)
EP 0335480 A2 19891004; EP 0335480 A3 19900131; EP 0335480 B1 19921223; AR 241834 A1 19921230; CA 1334990 C 19950328; DE 68903979 D1 19930204; DE 68903979 T2 19930513; JP 2520467 B2 19960731; JP H01255437 A 19891012; MX 172867 B 19940118; YU 29289 A 19930528; YU 47606 B 19951024; ZA 891167 B 19900425

DOCDB simple family (application)
EP 89300653 A 19890124; AR 31349889 A 19890327; CA 587516 A 19890104; DE 68903979 T 19890124; JP 1609489 A 19890125; MX 1465489 A 19890125; YU 29289 A 19890208; ZA 891167 A 19890215