

Title (en)

METHOD OF MAKING A REED RELAY FOR SWITCHING HIGH FREQUENCY CURRENTS, AND REED RELAY MADE IN THIS WAY

Publication

EP 0207365 A3 19890719 (DE)

Application

EP 86108280 A 19860618

Priority

DE 3523114 A 19850628

Abstract (en)

[origin: US4752754A] In a method for producing a reed relay, and a reed relay produced in accordance therewith, for switching r.f. currents at high voltages, it is proposed to arrange the coil, which is wound upon a normal bobbin with flanges on both sides, within a low-ohmic coil shielding by mounting the bobbin with the coil in an outer tube of brass, fitting an inner tube, likewise of brass, in the bobbin and connecting the two tubes by annular end disks placed on the two ends and joined with the tubes by pressing. The whole assembly comprising the bobbin, the coil and the shielding is then mounted on a two-piece bobbin carrier, and the vacuum glass tube of the r.f. reed switch is inserted into the bearing tube of the bobbin carrier and preferable fixed therein by means of a silicone hose.

IPC 1-7

H01H 11/00; **H01H 50/10**; **H01H 51/28**

IPC 8 full level

H01H 11/00 (2006.01); **H01H 50/10** (2006.01); **H01H 51/28** (2006.01)

CPC (source: EP US)

H01H 50/10 (2013.01 - EP US); **Y10T 29/49105** (2015.01 - EP US)

Citation (search report)

- [X] US 3560898 A 19710202 - STEINBACK HERBERT D
- [Y] US 4225836 A 19800930 - DEMAESSCHALCK ETIENNE, et al
- [Y] DE 1051411 B 19590226 - SIEMENS AG
- [A] FR 2350678 A1 19771202 - CLARE INT NV C P [BE]
- [A] Internationale Elektronische Rundschau no. 8, 1968, Seite 206 "Hochspannungs-Reed-Relais für 5000V"

Cited by

EP0700576A4

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

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