

Title (en)

Embedded or assembled pole part with vacuum interrupter, and method of manufacture the same

Title (de)

Eingebetteter oder angeordneter Polteil mit Vakuumunterbrecher und Herstellungsverfahren dafür

Title (fr)

Élément de pôle intégré ou assemblé avec interrupteur sous vide et son procédé de fabrication

Publication

EP 2613333 A1 20130710 (EN)

Application

EP 12000028 A 20120104

Priority

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Abstract (en)

The invention relates to an embedded pole part and method of manufacture the same, with vacuum interrupter which is embedded or assembled in an epoxy resin or thermoplastic housing, with a fixed contact and a movable contact, wherein the fixed contact is electrically and mechanically fixed to an upper electrical terminal, according to the preamble of claim 1 and 8. In order to damp and/or reduce this bouncing at the upper terminal or at the terminal concerning to the fixed contact of the pole part, the upper terminal or the terminal according to the fixed contact is covered by a damping layer between the terminal surface and the embedding or surrounding housing.

IPC 8 full level

H01H 33/662 (2006.01)

CPC (source: EP)

H01H 33/66207 (2013.01); **H01H 33/6606** (2013.01)

Citation (search report)

- [XY] WO 2004038748 A1 20040506 - SIEMENS AG [DE], et al
- [Y] EP 0866481 A2 19980923 - ABB PATENT GMBH [DE]
- [Y] US 2005241756 A1 20051103 - HARTHCOCK MATTHEW [US], et al

Cited by

CN106463300A; US11139126B2; WO2015185335A1

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