

Title (en)
Manufacturing method of a vacuum chamber

Title (de)
Verfahren zur Herstellung einer Vakuumkammer

Title (fr)
Procédé de fabrication de chambre à vide

Publication
EP 0866481 B1 20051109 (DE)

Application
EP 98103652 A 19980303

Priority
DE 19712182 A 19970322

Abstract (en)
[origin: EP0866481A2] The vacuum chamber has a cylindrical body (11) which at least partially consists of an insulating ceramic material, preferably AlO, glass or a similar material. It also has fixed contacts on a fixed contact rod (17) and a movable contact attached to a movable contact rod (22). The movable contacts are located in a vacuum inside the body (11) which is cast into an insulating material (30,31), in particular, a casting resin. The vacuum chamber is characterised by the fact that an elastic padding (34) is placed between the body (11) and the insulating material (30,31) to compensate relative displacements - which are brought about by temperature effects - of the body (11) and the insulating material.

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IPC 8 full level
H01H 33/662 (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP)
H01H 33/66207 (2013.01); **H01H 33/6606** (2013.01); **H01H 2033/6623** (2013.01)

Cited by
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