

Title (en)

Device for joining by welding of a cover on end of cylinder body and vacuum bulb having such a device

Title (de)

Vorrichtung zur fügen durch schweißen eines Deckels am ende einer Zylinderkörper und Vakuumröhre mit einer solchen vorrichtung

Title (fr)

Dispositif d'assemblage par brasage d'un capot d'extrémité sur un corps cylindrique et ampoule à vide comportant un tel dispositif

Publication

EP 2309527 A3 20120829 (FR)

Application

EP 10354048 A 20100913

Priority

FR 0904867 A 20091012

Abstract (en)

[origin: EP2309527A2] The device has an end cover (3) comprising a part (C) that is offset with respect to an end surface (10) of a cylindrical body (1) in a direction of outside of the body, after the part is brazed onto the body and in a direction of central axis of the body. The part is followed by another part (D) extending inside the body. The parts extend around an axis of the cover. The cover is shaped in such a way that a circular peripheral part of the cover exerts a compressive stress on one third of the end surface of the body after brazing. Thickness of the cover is smaller than 2.5 mm.

IPC 8 full level

H01H 33/662 (2006.01)

CPC (source: EP US)

H01H 33/66207 (2013.01 - EP US); **H01H 2033/66215** (2013.01 - EP US)

Citation (search report)

- [X] EP 0039611 A1 19811111 - MEIDENSHA ELECTRIC MFG CO LTD [JP]
- [XA] DE 9205493 U1 19930819 - SIEMENS AG [DE]
- [X] JP H11203996 A 19990730 - TOSHIBA CORP
- [X] WO 03056592 A1 20030710 - HOLEC HOLLAND NV [NL], et al

Cited by

CN103817390A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2309527 A2 20110413; EP 2309527 A3 20120829; EP 2309527 B1 20160504; CN 102039461 A 20110504; CN 102039461 B 20160316; FR 2951314 A1 20110415; US 2011084117 A1 20110414; US 8181842 B2 20120522

DOCDB simple family (application)

EP 10354048 A 20100913; CN 201010506146 A 20101012; FR 0904867 A 20091012; US 92344510 A 20100922