

Title (en)

Method for hermetically joining two metallic vessel parts together.

Title (de)

Verfahren zum vakuumdichten Verbinden zweier metallener Gehäuseteile.

Title (fr)

Procédé d'assemblage étanche de deux parties d'enceinte métalliques.

Publication

EP 0250940 A1 19880107 (DE)

Application

EP 87108254 A 19870606

Priority

DE 3620585 A 19860619

Abstract (en)

1. Method for the vacuum-tight connection of two metallic housing parts of an electronic valve, in which method the housing parts are baked out in a vacuum chamber and each connected with the other by interposed connecting metal and application of pressure, characterised thereby, that the connecting seam is welded together in the vacuum chamber by means of a laser beam additionally after pressure connection.

Abstract (de)

Es wird ein Verfahren zum vakuumdichten Verbinden zweier metallener Gehäuseteile einer Bildverstärker- röhre angegeben bei dem zunächst eine Druckverbindung unter Zwischenfügung eines Dichtungsmetalls und dann eine Laserverschweißung vorgenommen wird.

IPC 1-7

H01J 9/26

IPC 8 full level

H01J 9/26 (2006.01)

CPC (source: EP)

H01J 9/263 (2013.01)

Citation (search report)

- [A] US 3427088 A 19690211 - LEGOUX RENE
- [A] FR 2482366 A1 19811113 - TOKYO SHIBAURA ELECTRIC CO [JP]
- [A] PATENT ABSTRACTS OF JAPAN, Band 4, Nr. 52 (E-7)[534], 18. April 1980; & JP-A-55 24 327 (TOKYO SHIBAURA DENKI K.K.) 21-02-1980
- [A] PATENT ABSTRACTS OF JAPAN, Band 7, Nr. 24 (E-208)[1392], 2. November 1983; & JP-A-58 135 554 (TOKYO SHIBAURA DENKI K.K.) 12-08-1983

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CN114346436A; CN112292915A

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