

Title (en)  
METHOD OF MANUFACTURING A LAMP VESSEL

Publication  
**EP 0369370 A3 19910417 (DE)**

Application  
**EP 89120989 A 19891113**

Priority  
DE 3838697 A 19881115

Abstract (en)  
[origin: EP0369370A2] To manufacture an exhaust-tube-less discharge vessel (10) for a metal halogenide high-pressure discharge lamp, a blank is first produced by means of blow-moulding from a quartz tube closed at one end, the future discharge vessel of which blank is provided with a cap (9) and fully shaped. Subsequently, an interchanging holder holding itself inside the blank and provided with the electrode systems (12, 13, 14) is introduced to a predetermined position. This is followed by a purging-type cleaning process with nitrogen, the introduction of the filling substances (20) and a renewed heating-up of the crimping area with simultaneous nitrogen purging and cooling of the cap (9) of the blank with liquid nitrogen. After the subsequent closing of the lamp vessel (10) by a crimping (21), the protruding quartz tube piece is separated. The discharge vessel (10) is then provided with a glass envelope in a similar manner. <IMAGE>

IPC 1-7  
**H01J 9/24**; **H01K 3/00**

IPC 8 full level  
**C03B 23/047** (2006.01); **C03B 23/055** (2006.01); **C03B 23/07** (2006.01); **C03B 23/11** (2006.01); **H01J 9/24** (2006.01); **H01J 9/385** (2006.01); **H01K 3/00** (2006.01); **H01K 3/16** (2006.01); **H01K 3/22** (2006.01)

CPC (source: EP)  
**H01J 9/247** (2013.01); **H01K 3/00** (2013.01)

Citation (search report)  
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