

Title (en)
Method of manufacturing a lamp vessel.

Title (de)
Verfahren zur Herstellung eines Lampengefäßes.

Title (fr)
Méthode de fabrication d'une enceinte de lampe.

Publication
EP 0369370 B1 19940608 (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>

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Cited by
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