

Title (en)

PRESSURE-PROOF GLASS BODY COMPOSED OF TWO BONDED HALF-SPHERES

Title (de)

GEKLEBTE DRUCKFESTE GLASKÖRPER

Title (fr)

CORPS EN VERRE A L'EPREUVE DES PRESSIONS COMPOSE DE DEUX DEMI-SPHERES COLLEES

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Application

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Abstract (en)

[origin: WO0000844A1] The invention relates to pressure-proof glass bodies (3) composed of two half-spheres (1, 2) comprising or not a cylindrical intermediate part (10) and having complementary surfaces (4) which are brought into contact with each other, whereby the outer surfaces of a formed seam are even and flat. The glass elements are assembled in a non detachable way by gluing them together with a curable glue which is applied to said complementary surfaces. A glued seam (6) which is formed, for example, by a light- or heat-curable glue, can be covered with a permanently elastic sealing material and then with a band and/or tape. The inventive glass bodies are characterised in that they are simple to manufacture and safe to operate when they are used in the oceanographic field.

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