

Title (en)

Hydrogen storage for a plasma switch.

Title (de)

Wasserstoffspeicher für einen Plasmaschalter.

Title (fr)

Système d'emmagasinement d'hydrogène pour interrupteur à plasma.

Publication

EP 0520592 B1 19950823 (DE)

Application

EP 92250147 A 19920612

Priority

EP 91250170 A 19910627

Abstract (en)

[origin: EP0520592A1] A hydrogen store, which is distinguished by a structurally simple, compact method of construction and by simple production and a simple assembly capability, is used in the case of a plasma switch such as a thyatron or in the case of a hollow-electrode switch. For this purpose, the two disc-shaped storage elements (5, 6) and the heating element (7) which is arranged in an insulated manner between them are arranged stacked one above the other on an inner shoulder (4) of an annular retaining body (3), and are fixed there with the aid of an upper storage element (6). The heating element is preferably formed by a meandering heating track, which is arranged between two insulating films (8, 9) and makes contact with its one end on the upper storage element, while the other end is passed out through a cut-out in the lower storage element.
<IMAGE>

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