

Title (en)

DEVICE AND METHOD FOR PRODUCTION OF A QUARTZ GLASS BODY

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES QUARZGLASKÖRPERS

Title (fr)

DISPOSITIF ET PROCEDE DE FABRICATION D'UN CORPS EN VERRE DE QUARTZ

Publication

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Application

**EP 00983093 A 20001026**

Priority

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- EP 0010574 W 20001026

Abstract (en)

[origin: DE19952474C1] The first front-side end (6) of the mandrel (1) terminates in an inner bore (7) of a first holder (8), and the holder rotates using a first bearing element (10). Apparatus for producing a quartz glass body comprises: (a) a longitudinal mandrel (1) that rotates about a horizontal orientated axis (4); (b) a burner (11) which deposits layers of silicon dioxide particles on the casing surface of the mandrel forming a porous green body (13); (c) a first holder surrounding the mandrel in the region of one the ends of the green body; and (d) a fixing element which connects the mandrel and the first holder. An Independent claim is also included for a process for the production of a quartz glass body using the above apparatus.

IPC 1-7

**C03B 37/014**; **C03B 19/14**

IPC 8 full level

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CPC (source: EP KR)

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