

METHOD FOR PRODUCING QUARTZ GLASS

ABSTRACT

5 The present invention provides a method for producing quartz glass which has unevenness on the glass surface by surface treating quartz glass using a surface treatment liquid, the production method comprising steps for contacting, with the surface of quartz glass in advance, a solvent component which does not interfere with the surface treatment by the surface treatment liquid, and then surface treating the surface with the surface
10 treatment liquid before the solvent component dries to form unevenness having a surface roughness (Ra) of 1.5 to 3.5 μm on the glass surface. This production method is capable of producing quartz glass that has unevenness having a surface roughness (Ra) within the range of 1.5 to 3.5 μm by a process for forming unevenness without microcracks by surface treatment using a surface treatment liquid, the production method being relatively simple
15 and economical without the need to change the concentration of the surface treatment liquid.

[Figure 1]