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**Yoshioka et al.**

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(54) **MOLD FOR PRODUCING SILICA CRUCIBLE**

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(58) **Field of Classification Search** ..... 249/98, 249/117, 134, 137, 160; 65/144, 302  
See application file for complete search history.

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(57) **ABSTRACT**

There is provided a mold for use in the production of a silica crucible by heat-fusing silica or quartz powder attached onto an inner wall of a rotating mold, wherein an inner side of an upper opening portion of the mold corresponding to an upper part of the silica crucible is ground to obtain a step portion and a ring-shaped heat insulating barrier member having an inner diameter smaller than that of the mold is disposed on the step portion through a hollow disk-shaped support member having an inner diameter equal to or somewhat larger than that of the heat insulating barrier member.

**8 Claims, 2 Drawing Sheets**

