

**COMPACT PRODUCTION APPARATUS AND METHOD FOR PRODUCING COMPACT****ABSTRACT**

5       . A compact production apparatus includes a main body having at least one molding die in which a cavity is formed, a first flow passage member for supplying powder into the cavity, an upper compaction member having an upper punch surface, a lower compaction member having a lower punch surface which is allowed to compress the powder in the cavity in  
10 cooperation with the upper punch surface to thereby obtain a compact of the powder, and a second flow passage member from which the compact separated from the cavity is to be discharged. Further, at least 80% or more of a total surface area of an upper surface of the main body, an inner circumferential surface defining the cavity, an inner  
15 circumferential surface of the first flow passage member, an inner circumferential surface of the second flow passage member, the upper punch surface of the upper compaction member and the lower punch surface of the lower compaction member is made of a nonmetallic material.

20 Figure 2 accompanies the abstract.