

SHOCK ABSORBING STRUCTURE AND METHOD OF  
MANUFACTURING THE SAME

ABSTRACT

5 A shock absorbing structure having a high shock absorption  
characteristic is provided. The shock absorbing structure (1) includes a  
solidified portion (2) and a sintered portion (3). The solidified portion (2) is  
formed by dissolving and solidifying a plurality of inorganic powder  
particles. The sintered portion (3) is formed by sintering a plurality of the  
inorganic powder particles. The sintered portion (3) is connected to the  
solidified portion (2). The shock absorbing structure (1) is a composite  
10 structure including the solidified portion (2) and the sintered portion (3)  
and therefore has a high shock absorption characteristic.

FIG. 1