

ABSTRACT

VIBRATION DAMPING SYSTEM AND SERVOWRITER

5        A vibration damping system is provided for damping  
vibrations in an apparatus (1). The damping system is  
particularly useful in a servowriter (1). The damping  
system has resilient means (7) for supporting at least the  
majority of the weight of the apparatus (1). The resilient  
10 means (7) has a first spring rate. The damping system has  
damping means (8) for damping vibrations of the apparatus  
(1). The damping means (8) has an effective second spring  
rate. The ratio of the first spring rate to the effective  
second spring rate is  $r:1$  where  $r < 1$ .

15

*(Figure 1 for publication)*