



G00002

SOUND AND VIBRATION DAMPING MATERIAL, DAMPING METHOD AND
DISC DRIVE INCORPORATING SAID DAMPING MATERIALABSTRACT OF THE DISCLOSURE

A damping material is made of a porous member having an absolute characteristic impedance value of not less than 800 kg/m²·S in the frequency range of from 1.0 to 3.0 kHz. A damping method has steps of providing a damping material in the interior or on the periphery of a vibration-generating apparatus, characterized in that as the damping material there is used a compressible porous member having an air permeability of from $1 \times 1/10^{10}$ to $2 \times 1/10^2$ cc/cm²/sec based on an atmospheric pressure difference of $2.039 \times 1/10^4$ mmHg, or a porous member having an absolute impedance value of not less than 800 kg/m²·S in a frequency range of from 1 to 3 kHz or one obtained by providing a film layer thereon. A disc drive has a motor for rotating a disc as a data recording medium and a damping material provided in the interior and/or on the periphery of a housing having at least a space in which the disc can be mounted.

Figure 1



162162