

Sound Attenuator

Abstract

A sound attenuator for attenuating sound in acoustic rooms is proposed. The sound attenuator (1) according to the invention comprises disposed on a wall or ceiling of a room to be attenuated a frame-shaped spacer element (2) including a plate absorber (3) disposed on the spacer element (2) and enclosing together with the wall (6) a cavity (5). On the plate absorber (3) a porous absorber (4) is disposed. The sound attenuator according to the invention attenuates sound over a wideband range of frequencies and is suitable due to its flat configuration particularly for use in wind tunnel systems.

Figure 1 to accompany the abstract upon publication.