

ABSTRACT

5 This invention provides a thin metallic sheet structure having excellent sound damping characteristics which can lower the sound pressure level of a sound inherent to a thin metallic sheet structure when this structure is patted, and can quickly damp the sound by a simple structure.

10 In a flat sheet-like or box-like structure comprising a thin metallic external sheet and beams for reinforcing the external sheet, a thin metallic sheet structure having excellent sound damping characteristics according to the present invention employs the construction wherein the reinforcing beams 2 are brought
15 into contact with one of the surfaces of the thin metallic external sheet 1 through a sound damping sheet 3, and the coupling state between the sound damping sheet 3 and the thin metallic external plate 1 or the reinforcing beams 2 is a non-coupling state or a discrete
20 coupling state on at least one of the surfaces of the sound damping sheet 3.