

Title (en)

Sound insulating device for a tiled building roof

Title (de)

Schalldämpfungseinrichtung für Gebäudedächer mit Ziegeleindeckung

Title (fr)

Dispositif d'insonorisation de la toiture d'une construction comportant une couverture en tuile

Publication

**EP 0780526 A1 19970625 (FR)**

Application

**EP 96402859 A 19961220**

Priority

FR 9515308 A 19951221

Abstract (en)

The system consists of a first mass in the form of a plaster ceiling, e.g. a layer of thermal insulation material (2) over the ceiling, and a tiled roof (3) which has its tiles sealed to prevent air passing between them. The sealed tiles create a second mass which co-operates with the first one and is separated from it by a gap to create a double acoustic partition. The tiles can be sealed e.g. by a combination of elastomer or mastic joints and flexible plastic strips which can be fitted to the tiles before moulding or stuck in place afterwards. A third seal, between the first two, can be made from polyurethane foam.

Abstract (fr)

Le dispositif de l'invention comporte une première masse constituée d'une paroi simple formant plafond (1), une couche thermiquement isolante (2) superposée à la paroi simple, et une couverture en tuile (3) rendue étanche à l'air pour former une deuxième masse coopérant avec la première masse et espacée de celle-ci pour former une double paroi obéissant à la loi acoustique dite masse-ressort-masse. L'invention s'applique notamment à l'insonorisation des constructions en zone urbaine. <IMAGE>

IPC 1-7

**E04D 13/16**; **E04D 1/36**; **E04B 1/82**

IPC 8 full level

**E04B 1/82** (2006.01); **E04D 1/36** (2006.01); **E04D 13/16** (2006.01)

CPC (source: EP)

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Citation (search report)

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