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(54) **WALL COVERING FOR THERMAL AND ACOUSTIC COMFORT**

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See application file for complete search history.

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(57) **ABSTRACT**

A multilayer wall covering includes: (a) a support layer formed by an organic polymer foam having an open porosity of between 0.50 and 0.995, or by a viscose fiber nonwoven having a mass per unit area of between 150 g/m² and 500 g/m², (b) a surface layer formed by a glass textile, having a static air flow resistance, measured according to the standard ISO 9053, of between 105 N·s·m⁻⁴ and 106 N·s·m⁻⁴, (c) at the interface between the support layer (a) and the surface layer (b), a discontinuous adhesive layer having a mass per unit area of between 17 and 60 g/m². There is also provided a process including the use of such a covering for improving both the acoustic and the thermal comfort of a room, and two processes for manufacturing such a covering.

29 Claims, No Drawings