

Title (en)
SOUND-PROOFING DEVICE FOR FLOOR COVERINGS

Title (de)
SCHALLDÄMMVORRICHTUNG FÜR BODENBELÄGE

Title (fr)
DISPOSITIF D'ISOLATION ACOUSTIQUE POUR REVETEMENTS DE SOL

Publication
EP 1180189 A1 20020220 (DE)

Application
EP 00906211 A 20000119

Priority

- DE 29908733 U 19990518
- DE 29919038 U 19991029
- EP 0000389 W 20000119

Abstract (en)
[origin: WO0070168A1] The invention relates to an underlay, in particular to a sound-proofing device for floor coverings, such as laminate, veneer and/or wooden flooring. Said device comprises an element consisting of a binding agent and fillers which can be, or is at least partially attached to the underside of the floor covering. The invention aims to provide a cost-effective solution which reduces the excitation of hard floor coverings of this type, to such an extent that the footfall created when walking on said covering is not considered to be disturbing. In addition, the invention aims to prevent the floor covering from being glued to the underlay. This is achieved by the element (8) having a layer thickness of 1 to 6 mm and a weight of between 0.8 and 2.80 kg/m² per mm of layer thickness, depending on the chosen fillers (7) and their particle size distribution.

IPC 1-7
E04F 15/20; E04F 15/02

IPC 8 full level
E04F 15/02 (2006.01); **E04F 15/20** (2006.01)

CPC (source: EP)
E04F 15/02 (2013.01); **E04F 15/181** (2013.01); **E04F 15/20** (2013.01); **E04F 2290/043** (2013.01)

Citation (search report)
See references of WO 0070168A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0070168 A1 20001123; AU 2797700 A 20001205; EP 1180189 A1 20020220

DOCDB simple family (application)
EP 0000389 W 20000119; AU 2797700 A 20000119; EP 00906211 A 20000119