

Title (en)
Insulated ceiling composed of a plurality of layers

Title (de)
Aus mehreren Schichten bestehende Decke

Title (fr)
Plafond composé de plusieurs couches

Publication
EP 0852275 A3 20000301 (EN)

Application
EP 98103743 A 19950428

Priority
• DE 4415181 A 19940429
• EP 95106504 A 19950428

Abstract (en)
[origin: EP0852275A2] A roof substructure for roofs decked with roof decking boards is made up, in the case of a couple roof to be insulated, of an exposed panel work (4) attached to the rafters (6); a film-type vapour barrier (8) laid on the exposed panel work (4); an insulating layer (10) based on mineral wool which is laid on the vapour barrier (8); and a film (24) which is water repellent and is open to diffusion which is laid on the insulating layer (10) and covers the latter. In this case, the insulating layer (10) is made up of at least two types of strips (18, 22) which are laid alternately individually and without gaps parallel to an edge of the roof, that is to say in a steep-pitched couple roof to the ridge (16) and to the eaves (12), the one type of strip (18) serving to absorb the roof load, introduced via base battens (20), of the roof parts located above the insulating layer (10), and having a far higher compression strength in relation to the other type of strip (22), serving purely insulating purposes, and being of a many times narrower design compared to the other type of strip (22), serving insulating purposes. In this case, the strips (18) for absorbing the load have a compression strength of at least 50 kN/m<2> and consist, like the strips (22) serving purely insulating purposes, solely of bonded mineral wool.
<IMAGE>

IPC 1-7
E04D 13/16; **E04D 11/02**

IPC 8 full level
E04D 11/02 (2006.01); **E04D 12/00** (2006.01); **E04D 13/16** (2006.01)

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E04D 12/00 (2013.01); **E04D 13/16** (2013.01); **E04D 13/1612** (2013.01); **E04D 13/1618** (2013.01)

Citation (search report)
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• [DA] DE 3615109 A1 19871105 - GRUENZWEIG HARTMANN GLASFASER [DE]
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