

Title (en)
Roof substructure for roofs decked with roof decking boards, insulated ceiling composed of a plurality of layers, and method for the construction of a roof substructure for roofs decked with roof decking boards.

Title (de)
Dachunterkonstruktion für mit Dacheindeckungsplatten eingedeckte Dächer, isolierte Decke aus einer Mehrzahl von Schichten, und Verfahren zur Herstellung der Dachunterkonstruktion.

Title (fr)
Sous-structure de toit pour toitures recouvertes avec des dalles de couverture, plafond isolé composé de plusieurs couches, et méthode de construction relative.

Publication
EP 0682161 A1 19951115 (EN)

Application
EP 95106504 A 19950428

Priority
DE 4415181 A 19940429

Abstract (en)
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
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IPC 8 full level
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CPC (source: EP)
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Citation (search report)

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