

Title (en)

Double-layer sheet-metal roof with intermediate thermal insulation out of roll felts

Title (de)

Doppelagiges Blechdach mit einer isolierenden Zwischenlage aus abrollbarem Filz

Title (fr)

Toit en tôle, bi-couche avec isolation thermique intermédiaire en feutre

Publication

**EP 0896110 A2 19990210 (EN)**

Application

**EP 98114834 A 19980806**

Priority

- DE 19734256 A 19970807
- DE 19807016 A 19980219
- FR 9806661 A 19980527

Abstract (en)

In a double-layer sheet-metal roof with intermediate heat insulation out of roll felts, with a sheet-metal profile support, a sealing layer disposed thereon - if required, insulation material disposed thereon, preferably in form of a roll felt out of mineral wool, and with a sheet-metal profile cover layer disposed thereabove, with spacer profiles between which the roll felts are arranged in cassette-like manner being arranged between said sheet-metal profile support and sheet-metal profile cover layer, said spacer profiles comprise web flanges spaced to said sheet-metal profile cover layer and protruding laterally, which for the purpose of mounting substantially free of heat and/or cold bridge are in knife-like or claw-like engagement through the roll felt side wall directly into the material of the roll felt having no recesses in this area.

IPC 1-7

**E04D 3/36**

IPC 8 full level

**E04B 1/78** (2006.01); **E04C 2/26** (2006.01); **E04C 2/292** (2006.01); **E04D 3/35** (2006.01); **E04D 3/36** (2006.01); **E04D 13/16** (2006.01);  
**E04F 13/08** (2006.01); **F16B 35/02** (2006.01); **F16B 35/04** (2006.01)

CPC (source: EP)

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Cited by

CN107780600A; CZ299437B6; EA018523B1; RU185787U1; NL1012608C2; DE10147831A1; DE10147831B4; EP1367190A3; DE10164750A1; DE10164750B4; AU2013307299A1; EP2467542A4; AU2013307299B2; AU2010283967B2; US8973329B2; WO0146598A1; WO2014047684A1; WO2011113232A1

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CZ 292777 B6 20031217; DE 69827084 D1 20041125; DE 69827084 T2 20050908; DK 0896110 T3 20050221; ES 2231922 T3 20050516;  
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