

Title (en)

Insulating system placed on roof rafters and method of making a shingle roof

Title (de)

Aufsparren-Dämmsystem für Hausdächer und Verfahren zur Herstellung eines Schindeldaches

Title (fr)

Système d'isolation placé sur des chevrons de toit et méthode de construction d'un toit en bardeaux

Publication

EP 1113117 B1 20040915 (DE)

Application

EP 00128484 A 20001223

Priority

DE 19963662 A 19991229

Abstract (en)

[origin: EP1113117A2] To erect a shingle roof, insulation boards (1) are used to support the shingles. The upper (3) and lower (4) skins of the boards (1) have a diffusion resistance of about 8 mu , and the insulation core (5) has a resistance of 20-70 mu . The insulation core (5) forms two projections and two recessed zones, in relation to the outer skins (3,4), with chamfers at the upper and lower edges of the core projections. The insulation boards (1) are locked together by tongues and grooves. Locking hooks (15) for the shingles are screwed to the upper skin (3) of the boards (1). The upper and lower skins (3,4) are of water-resistant medium density fiberboards (MDF).

IPC 1-7

E04B 7/22; **E04D 3/35**; **E04D 13/12**; **E04B 7/20**; **E04D 1/34**

IPC 8 full level

E04B 7/20 (2006.01); **E04B 7/22** (2006.01); **E04D 1/34** (2006.01); **E04D 1/36** (2006.01); **E04D 3/35** (2006.01); **E04D 13/12** (2006.01)

CPC (source: EP)

E04B 7/22 (2013.01); **E04B 7/225** (2013.01); **E04D 1/36** (2013.01)

Cited by

CN113235837A; US8770945B2; US9709061B2; US9623161B2; US10245361B2; US10117983B2; US11639722B2; US9638202B2; US9850906B2; US10166318B2; US10874782B2; US11724097B2; US10506935B2; US10856748B2; US11712167B2; US10371152B2; US11015605B2; US11781551B2; US9713663B2; US10052420B2; US10456513B2; US10980928B2; US11724094B2

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EP 1113117 A2 20010704; **EP 1113117 A3 20011024**; **EP 1113117 B1 20040915**; AT E276409 T1 20041015; DE 19963662 A1 20010719; DE 19963662 C2 20031016; DE 50007766 D1 20041021; DK 1113117 T3 20050110

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