

Title (en)  
ROOFING STRUCTURE COVERED WITH ROOF COVERING PANELS

Publication  
**EP 0256263 B1 19900613 (DE)**

Application  
**EP 87109177 A 19870626**

Priority  
DE 3623428 A 19860711

Abstract (en)  
[origin: US4854102A] A sub-roof for roofs with roofing boards consisting of a plurality rectangular insulating boards (1) overlapping each other in direction of the slope of the roof. Each insulating board has a parallel plane central section (3), integral with a wedge-shaped board section (2) on the ridge side and a wedge-shaped board section (4) on the eaves side, the thickness of which increases towards the middle of the board. The thickness of the board sections (2 and 4) on the ridge side and on the eaves side at their edge towards the central board section (3) is at least equal to the thickness of said central board portion (3) and, when thicker boards are used, reaches said thickness after going through a step (11 and 12). The insulating boards (1) are placed so that they constitute an offset double or multiple covering. Due to the wedge-shaped multiple overlap the rows of insulating boards can be shifted within the longitudinal direction, for example, to adapt to different batten intervals or spacing, whereby the effective insulating layer thickness of the sub-roof does not change noticeably and tightness is not affected.

IPC 1-7  
**E04D 12/00**; **E04D 13/16**

IPC 8 full level  
**E04B 7/22** (2006.01); **E04D 12/00** (2006.01); **E04D 13/16** (2006.01)

CPC (source: EP US)  
**E04B 7/225** (2013.01 - EP US)

Cited by  
EP0388509A1; EP0445666A1; FR2658220A1; BE1005402A0

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)  
**EP 0256263 A1 19880224**; **EP 0256263 B1 19900613**; AT E53622 T1 19900615; DE 3623428 A1 19880128; DE 3623428 C2 19890112; DE 3763209 D1 19900719; DK 162307 B 19911007; DK 162307 C 19920316; DK 343287 A 19880112; DK 343287 D0 19870703; ES 2015923 B3 19900916; FI 83985 B 19910614; FI 83985 C 19910925; FI 872826 A0 19870626; FI 872826 A 19880112; HU 204913 B 19920228; HU T45576 A 19880728; NO 164188 B 19900528; NO 164188 C 19900905; NO 872920 D0 19870713; NO 872920 L 19880112; US 4854102 A 19890808

DOCDB simple family (application)  
**EP 87109177 A 19870626**; AT 87109177 T 19870626; DE 3623428 A 19860711; DE 3763209 T 19870626; DK 343287 A 19870703; ES 87109177 T 19870626; FI 872826 A 19870626; HU 317187 A 19870710; NO 872920 A 19870713; US 7175687 A 19870709