

Title (en)  
Improvements in or relating to methods of fixing roof tiles and/or a roof tile.

Title (de)  
Verfahren zum Befestigen von Dachziegeln und/oder Dachziegel.

Title (fr)  
Procédés pour fixation de tuiles et/ou d'une tuile.

Publication  
**EP 0396380 A1 19901107 (EN)**

Application  
**EP 90304706 A 19900501**

Priority  
NZ 22894989 A 19890502

Abstract (en)  
A method of fixing tiles to provide a roofing structure is provided. One or more tiles are positioned such that adjacent files overlap. At least some of the tiles are fixed to one or more underlying building members (9) such as a batten or continuous decking by a fixing means (8). The fixing means (8) such as a screw, nail or lug engages with apertures, slots or knockouts (5,6) in each of the overlapping tiles. Thus each tile has at least one fixing means (8) in common with an adjacent tile. A form of roofing tile is also provided. The tile has at least one aperture, slot or knockout (5,6) at or adjacent a minimum of two edges of the tile. The apertures, slots or knockouts (5,6) are positioned so that the tiles can be overlapped and fixed to a building member (9) by inserting a suitable fixing means (8) through the apertures, slots or knockouts (5,6) provided on each of the overlapping tiles and anchoring the fixing means (8) to a building member (9).

IPC 1-7  
**E04D 1/16**; **E04D 1/18**

IPC 8 full level  
**E04D 1/16** (2006.01); **E04D 1/18** (2006.01)

CPC (source: EP US)  
**E04D 1/18** (2013.01 - EP); **E04D 1/2916** (2019.07 - EP US)

Citation (search report)

- [X] EP 0020103 A2 19801210 - REDLAND TECHNOLOGY LTD [GB]
- [X] GB 2147021 A 19850501 - MORGAN DAVID HUGH, et al
- [Y] US 2482835 A 19490927 - BREMER WILLIAM S
- [Y] LU 84663 A1 19831117 - DIASOL SARL [LU]
- [Y] US 2034602 A 19360317 - ANDERSON ALBERT J
- [A] GB 644099 A 19501004 - ROSENDO SAMUEL OLIVE
- [A] US 1335756 A 19200406 - MERRILL SCARFF TRUMAN

Cited by  
EP0674061A1; GB2272713A; US8082716B1; US8087206B1; WO9955981A1

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

DOCDB simple family (publication)  
**EP 0396380 A1 19901107**; AU 5451490 A 19901108; CA 2015727 A1 19901102; DK 107290 A 19901103; DK 107290 D0 19900501; JP H0347356 A 19910228

DOCDB simple family (application)  
**EP 90304706 A 19900501**; AU 5451490 A 19900430; CA 2015727 A 19900430; DK 107290 A 19900501; JP 11670990 A 19900502