Title (en)

IMPROVEMENTS IN A ROOF SYSTEM

Title (de)

VERBESSERUNGEN AN EINEM DACHSYSTEM

Title (fr)

TOIT AMELIORE

Publication

EP 1861558 A1 20071205 (EN)

Application

EP 06710127 A 20060321

Priority

- GB 2006001016 W 20060321
- GB 0505900 A 20050322

Abstract (en)

[origin: GB2424426A] A roof system comprises a roof tile <B>6</B> and an insulation panel <B>4</B> supported on a roof structure. The roof tile <B>6</B> is formed with an integral hook-like protuberance on an underside, in use. The insulation panel has a channel comprising a re-entrant wall for location of the hook-like protuberance. The insulation panel <B>4</B> may be formed with a rib <B>24</B> to support the tile. The insulation panel <B>4</B> may be moulded polystyrene and may have a toughened upper surface provided by a dense layer of polystyrene co-moulded with a body of the insulation panel <B>4</B>. The insulation panel <B>4</B> may be secured directly to a conventional raftered roof structure or to a decked roof The roof tile <B>6</B> may be moulded from a cementious composition or a ceramic or reconstituted slate composition. The roof system may comprise a plurality of tiles <B>6</B> and insulation panels <B>4</B> and a roof structure comprising rafters and purlins and may be pre-assembled prior to being attached in situ over a building.

IPC 8 full level

E04B 7/22 (2006.01); **E04D 1/04** (2006.01); **E04D 1/36** (2006.01); **E04D 12/00** (2006.01); **E04D 13/16** (2006.01)

CPC (source: EP US)

E04B 7/225 (2013.01 - EP US); **E04D 1/2916** (2019.07 - EP US)

Citation (search report)

See references of WO 2006100463A1

Citation (examination)

- FR 2609072 A1 19880701 - WOESTELANDT PATRICE [FR], et al
- DE 8616246 U1 19900906

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

GB 0505900 D0 20050427; **GB 2424426 A 20060927**; EP 1861558 A1 20071205; US 2008110123 A1 20080515; WO 2006100463 A1 20060928

DOCDB simple family (application)

GB 0505900 A 20050322; EP 06710127 A 20060321; GB 2006001016 W 20060321; US 90936606 A 20060321