

Title (en)

A prefabricated composite structure for forming a pitched roof

Title (de)

Vorgefertigte Verbundstruktur für Schrägdach

Title (fr)

Structure composite préfabriquée pour toit en pente

Publication

EP 0814216 A1 19971229 (EN)

Application

EP 96830359 A 19960621

Priority

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Abstract (en)

A prefabricated composite structure (1) for forming a pitched roof comprises an outer support panel (2) and an underlying layer (3) of insulating material, and is suitable for fixing to a load-bearing structure of the roof juxtaposed similar prefabricated composite structures to form a first covering of the roof. The support panels (2) of the respective prefabricated composite structures of the covering are fitted together with overlapping portions and comprise at least one seat (14) extending in a direction substantially perpendicular to an eaves line of the roof in order to house projecting counter-battens (15) of the secondary frame, to which battens of the secondary frame of the roof, extending parallel to the eaves line and supporting discontinuous covering elements, are fixed in a manner such that the battens are kept spaced from the support panel (2) by a predetermined distance which is variable in dependence on design data, the architecture of the roof, and local hygrothermometric values. <IMAGE>

IPC 1-7

E04B 7/20; **E04D 13/16**

IPC 8 full level

E04B 7/22 (2006.01); **E04D 13/16** (2006.01)

CPC (source: EP)

E04B 7/22 (2013.01); **E04D 13/1618** (2013.01)

Citation (search report)

- [XAY] CH 618229 A5 19800715 - MONDIALIN DUNSPAN NV
- [YA] CH 612239 A5 19790713 - KELLER ZIEGELEIEN [CH]
- [A] GB 2182960 A 19870528 - SPRINGVALE EPS LIMITED
- [A] DE 3011159 A1 19811001 - JUNGBLUTH OTTO, et al
- [A] FR 2469509 A1 19810522 - RHENANE [FR]
- [A] US 3979867 A 19760914 - SOWINSKI GERARD T
- [A] EP 0123710 A1 19841107 - RHINOLITH SA [FR]
- [A] GB 2283084 A 19950426 - KINGSPAN RES & DEV LTD [IE]
- [A] FR 1450097 A 19660506
- [A] FR 931527 A 19480225

Cited by

EP0921247A3; CN116876733A; EP0953693A1; WO2022200195A1

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