

Title (en)

Longitudinal butt joint for fixing, to a substructure, sandwich like roof elements

Title (de)

Längsstossverbindung von auf einer Unterkonstruktion befestigten, als Sandwichelemente ausgebildeten Dachelementen

Title (fr)

Joint droit longitudinal, pour la fixation d'éléments de toiture du genre panneaux-sandwich à une sous-structure

Publication

EP 1088947 A3 20010516 (DE)

Application

EP 00120428 A 20000919

Priority

DE 19947436 A 19991002

Abstract (en)

[origin: EP1088947A2] The joint has one or more holder profiles (23), which are fitted on adjacent edge webs (5,6) of the roof elements (1a). Fixing screws (27) are screwed through the roof element in a sealed joint area and into a concave part (11) in the inner shell (4) of a sub-construction. The holder profiles are fixed on the edge webs along with the joint, and the holder profiles and screws are covered by one ore more cover strips (30). The holder elements are positively-fixed and screwed on the roof elements and have a middle web (24) and two clamp webs (25,26) folded outwards to pull together the roof elements and the fixing screws. The fixing screws screw the holder profile and both roof elements to the sub-construction of the roof.

IPC 1-7

E04D 3/366; E04D 3/38

IPC 8 full level

E04C 2/296 (2006.01); **E04D 3/35** (2006.01); **E04D 3/366** (2006.01); **E04D 3/38** (2006.01)

CPC (source: EP)

E04C 2/296 (2013.01); **E04D 3/352** (2013.01); **E04D 3/355** (2013.01); **E04D 3/366** (2013.01); **E04D 3/38** (2013.01)

Citation (search report)

- [DY] DE 4135891 A1 19920507 - HOESCH STAHL AG [DE]
- [Y] WO 9007037 A1 19900628 - KLEIN HARTMUT [DE]
- [A] EP 0051351 A2 19820512 - PERFIL EN FRIO SA [ES]

Cited by

DE102008031453A1; ES2294869A1; EP4134496A1; WO2004109033A1

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