

Title (en)
CONSTRUCTIONAL ELEMENT

Title (de)
KONSTRUKTIONSELEMENT

Title (fr)
ELEMENT DE CONSTRUCTION

Publication
EP 0943042 A1 19990922 (EN)

Application
EP 97945950 A 19971126

Priority
• GB 9703241 W 19971126
• GB 9625159 A 19961204

Abstract (en)
[origin: WO9824991A1] A constructional element in the form of a roofing panel or board (10) has insulation material (15) such as foam in the interior thereof between oppositely facing first and second faces (11, 12). Retention means, for example channel-section bars (16), are held in position in the insulation material (15), for the reception, in use, of fixing screws (20) to fix a waterproof layer (19) to one of the faces (11, 12), each fastened screw terminating in the interior of the insulation material (15) so as not to extend through the other of the faces. The retention means are such as to distribute therethrough any load on the fixing screws attempting to release them.

IPC 1-7
E04B 1/76; E04B 7/20

IPC 8 full level
E04B 1/76 (2006.01); **E04B 7/20** (2006.01); **E04B 1/38** (2006.01)

CPC (source: EP)
E04B 1/762 (2013.01); **E04B 7/205** (2013.01); **E04D 3/3602** (2013.01); **E04B 2001/386** (2013.01)

Citation (search report)
See references of WO 9824991A1

Designated contracting state (EPC)
DE DK FR GB IE IT NL SE

DOCDB simple family (publication)
WO 9824991 A1 19980611; AU 5127498 A 19980629; DE 69730236 D1 20040916; EP 0943042 A1 19990922; EP 0943042 B1 20040811; GB 9625159 D0 19970122

DOCDB simple family (application)
GB 9703241 W 19971126; AU 5127498 A 19971126; DE 69730236 T 19971126; EP 97945950 A 19971126; GB 9625159 A 19961204