

Title (en)  
Support element.

Title (de)  
Stützkörper.

Title (fr)  
Élément d'appui.

Publication  
**EP 0517667 B1 19950809 (DE)**

Application  
**EP 92810415 A 19920529**

Priority  
CH 163991 A 19910603

Abstract (en)  
[origin: EP0517667A1] A support element (8.1) for the mutual fixing of bearing elements (2, 7) arranged on both sides of a non-bearing insulating layer (4) is distinguished by a hollow space (11) which is completely open on one side in the direction of penetration (20) and, transversely to the direction of penetration (20), is bounded by a thin-walled casing (9). When the support element is driven through the insulating layer (4), the hollow space (11) accommodates in it the insulating material lying within the casing (9). The casing (9) is designed in such a way that when the support element (8.1) is driven into the insulating layer (4) it cuts the insulating material. <IMAGE>

IPC 1-7  
**E04D 3/36**; F16B 35/00; F16B 25/00

IPC 8 full level  
**E04D 3/36** (2006.01); **E04D 12/00** (2006.01); **E04D 13/16** (2006.01); **E04B 1/38** (2006.01)

CPC (source: EP)  
**E04D 3/3603** (2013.01); **E04D 12/006** (2013.01); **E04D 13/1618** (2013.01); **E04B 2001/386** (2013.01)

Cited by  
EP1818477A3; EP0877127A1; EP2105548A1; EP1217137A3; EP1318250A3; EP1870533A1; US8250823B2; EP1870533B1; EP3112547B1; EP2238303B2

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