

Title (en)  
INSULATING PANEL RETAINERS FOR ROOF CONSTRUCTION

Publication  
**EP 0103933 A3 19840704 (EN)**

Application  
**EP 83201336 A 19830916**

Priority  
US 41967282 A 19820920

Abstract (en)  
[origin: EP0103933A2] Clips for retaining insulation boards for flat roofs are provided, the retainers comprising generally spaced apart parallel plate-like members joined to each other by two generally planar webs, the webs being disposed generally normal to each other and to the plate like members.

IPC 1-7  
**E04D 13/16**; **E04D 3/36**

IPC 8 full level  
**E04D 3/36** (2006.01); **E04D 11/00** (2006.01); **E04D 13/16** (2006.01)

CPC (source: EP)  
**E04D 3/3601** (2013.01); **E04D 13/1618** (2013.01)

Citation (search report)  
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• [A] US 3798710 A 19740326 - TINNERNAN G  
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• [AD] US 3411256 A 19681119 - BEST JOHN S  
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Designated contracting state (EPC)  
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**EP 0103933 A2 19840328**; **EP 0103933 A3 19840704**; **EP 0103933 B1 19860507**; AT E19669 T1 19860515; AU 1871483 A 19840329; AU 547384 B2 19851017; CA 1195074 A 19851015; DE 3363413 D1 19860612; ES 283044 U 19860201; ES 283044 Y 19860901; ES 286250 U 19851201; ES 286250 Y 19860616; GB 2127063 A 19840404; GB 2127063 B 19851120; GB 8325122 D0 19831019; HK 5887 A 19870123; JP S5980853 A 19840510; MY 8700284 A 19871231

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