

Title (en)  
SUPPORTING BOLT FOR CLADDING PANELS

Publication  
**EP 0159662 B1 19910130 (DE)**

Application  
**EP 85104643 A 19850417**

Priority  
DE 3415207 A 19840421

Abstract (en)  
[origin: EP0159662A2] A supporting bolt for supporting cladding panels consists of a threaded rod and a nut screwed onto its supporting-side end, said nut being deformed by cold extrusion so that it has an enlarged end face at its supporting-side end and is of conical shape at the opposite end. As a result, it is possible to dispense with a separate supporting panel which is used with known supporting bolts. As a result of the shape of the supporting bolt associated with the pressing-on, an optimal introduction of the compressive forces into the threaded rod is also achieved. In addition, the cold extrusion can be used more efficiently than the hitherto required welding or hot-upsetting of the individual components.

IPC 1-7  
**E04B 2/88**; **E04F 13/08**

IPC 8 full level  
**E04B 2/88** (2006.01); **E04F 13/08** (2006.01)

CPC (source: EP)  
**E04F 13/0853** (2013.01)

Cited by  
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CH DE FR LI

DOCDB simple family (publication)  
**EP 0159662 A2 19851030**; **EP 0159662 A3 19880323**; **EP 0159662 B1 19910130**; DE 3415207 A1 19851107; DE 3415207 C2 19870430; DE 3581555 D1 19910307

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