

Title (en)  
Strut, especially floor supporting strut in building construction

Title (de)  
Stütze, insbesondere Deckenstütze für Bauzwecke

Title (fr)  
Étai, en particulier étau de dalle pour travaux de bâtiment

Publication  
**EP 0761908 B1 20001018 (DE)**

Application  
**EP 96111218 A 19960711**

Priority  
DE 19533110 A 19950907

Abstract (en)  
[origin: EP0761908A1] The component (1) has at least one hole with inner facing widened in relation to adjoining material thickness of another component (3). The component is secured to another component by a pin (4) and hole (6) connection. The hole's inner face is widened by a support nozzle (9) produced by stamp forming on the load side (8) of the hole. The support surface of the nozzle is accurately matched to a corresponding inner facing area of the hole. The two components can move telescopically in relation to one another, and are secured at least in relation to a load direction.

IPC 1-7  
**E04G 25/06**; **B21D 31/02**

IPC 8 full level  
**B21D 31/02** (2006.01); **E04G 25/06** (2006.01)

CPC (source: EP)  
**B21D 31/02** (2013.01); **E04G 25/06** (2013.01); **E04G 25/061** (2013.01); **E04G 25/065** (2013.01)

Cited by  
US9920541B2; WO2010142775A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**EP 0761908 A1 19970312**; **EP 0761908 B1 20001018**; AT E197083 T1 20001115; DE 19533110 A1 19970313; DE 59606014 D1 20001123; DK 0761908 T3 20010102; ES 2152456 T3 20010201; GR 3035157 T3 20010430; NO 308113 B1 20000724; NO 962961 D0 19960715; NO 962961 L 19970310; PT 761908 E 20010330

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**EP 96111218 A 19960711**; AT 96111218 T 19960711; DE 19533110 A 19950907; DE 59606014 T 19960711; DK 96111218 T 19960711; ES 96111218 T 19960711; GR 20000402845 T 20001227; NO 962961 A 19960715; PT 96111218 T 19960711