

Title (en)  
Support jack.

Title (de)  
Stützgestell.

Title (fr)  
Cric de support.

Publication  
**EP 0081960 A1 19830622 (EN)**

Application  
**EP 82306468 A 19821206**

Priority  
GB 8137580 A 19811212

Abstract (en)  
A support jack primarily for supporting panels of raised flooring consists of a base (1) and head (2) located (at 11, 21) for relative turning movement about a common axis and having end faces (10, 20) of inclined helical form for abutting co-action in obtaining axial extension or retraction of the head (2) relative to the base (1). For nonslip adjustment in this way the faces (10, 20) are radially serrated to provide teeth (12, 22) preferably of ratchet or buttress form as shown to facilitate upward adjustment of the head (1) and to maintain such adjustment especially when under axial load. The base (1) and head (2) are shown each provided with a series of faces (10, 20) for corresponding co-operation in providing balanced support of the head (2) and stop means (15, 25) limits the extent of turning movement of the head (2) on the base (1). The head (2) receives a plate (3) for location with or between floor panels at adjacent corners of the latter and/or for other floor support purposes. The base (1) and head (2) may be cast or moulded in metal, plastic or other suitable material such as glass reinforced cement (GRC).

IPC 1-7  
**E04F 15/02**; **B66F 19/00**

IPC 8 full level  
**B66F 1/02** (2006.01); **B66F 19/00** (2006.01); **E04F 15/02** (2006.01); **E04F 15/024** (2006.01)

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