

Title (en)  
CRAMPON BRACE WITH A DEVICE TO REGULATE LENGTH BY MEANS OF ROTARY LOCKING

Publication  
**EP 0232210 B1 19890712 (FR)**

Application  
**EP 87420019 A 19870121**

Priority  
FR 8601405 A 19860124

Abstract (en)  
[origin: EP0232210A1] 1. Ice crampon brace, comprising at least a first (5) and a second (6) parts whose spacing apart is adjustable by means of a connecting bar (7), the bar (7) being mounted for sliding in a tunnel (8) of one at least of the first and second brace parts and being urged by a locking means in translation, ensuring locking thereof in the tunnel, characterized in that : - the tunnel (8) is defined by a cross-piece (11) and a shaft (12) disposed transversely and offset by a distance greater than the thickness of the bar (7), the shaft and the cross-piece being mounted for rotation with respect to each other about a transverse axis of rotation (I-I) off-centred with respect to the mean axis (II-II) of the shaft, - the tunnel and the bar comprise reciprocal transverse male-female engagement members (19, 21, 23), - the relative rotation of the shaft and of the cross-piece, in a first relative angular position (figure 4), causes the male-female engagement members (19, 21, 23) to draw together and engage for longitudinal locking of the bar (7) and, in a second angular position (figure 6), release of the male-female engagement members and freeing of the bar for sliding in the tunnel.

IPC 1-7  
**A43C 15/06**

IPC 8 full level  
**A43C 15/06** (2006.01)

CPC (source: EP)  
**A43C 15/068** (2013.01)

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FR2810890A1; FR2763859A1; DE3817721A1; US7089688B2; US6742286B2

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