

Title (en)

RATCHET FASTENER STRUCTURE FOR THE TOOTHED STRAP OF A CLOSURE LEVER, PARTICULARLY FOR SKI BOOTS

Publication

EP 0220784 B1 19900418 (EN)

Application

EP 86201881 A 19861027

Priority

IT 5193185 U 19851028

Abstract (en)

[origin: EP0220784A1] The present invention relates to a ratchet fastener structure for the toothed band of a closure lever, particularly for ski boots, comprising a small base (2) which can be fixed to one of the flaps to be fastened together and provided with lateral sides (5) defining the engagement region of a toothed band (6) connected to a lever associable with the other of the flaps to be fastened together. To said small base (2) a movable dentated body (10) is connected and is removably engageable with the toothed band (6). The peculiarity of the invention lies in that it comprises a pair of pins (20, 22) spaced apart and slideably engageable with sliding surfaces (21, 24) mutually defined between the body (10) and said lateral sides (5); the sliding surfaces (21, 24) are substantially parallel to each other and inclined with respect to the direction of extension of the toothed band (6) to increase the locking action of the dentated body (10) on the band (6) upon a pulling action being exerted on said band (6) in the direction of unthreading from said small base (2), and to uncouple the dentated body (10) from the band (6) upon a pushing action being exerted on the dentated body (10) in the opposite direction with respect to the pulling action.

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Cited by

CH686755A5; US5606779A; FR2680750A1; EP0619962A1; US5495683A; US10300865B2; US6422441B1; US6425509B1; US6561398B1; WO0245535A1; WO9203071A1; US10857949B2; US11858471B2

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