

Title (en)
Ski boot.

Title (de)
Skischuh.

Title (fr)
Chaussure de ski.

Publication
EP 0370949 A1 19900530 (FR)

Application
EP 89810856 A 19891108

Priority
CH 436488 A 19881124

Abstract (en)
[origin: JPH02182201A] PURPOSE: To make it possible to ensure the neutral state of a movement, by slacking a part of the cord that passes above a matching fulcrum, and compensating the tension of the cord so that the pressure applied to a device for dispersing pressure may remain unchanged as the leg is bent. CONSTITUTION: While the leg is bent, the leg of a boot, i.e., the rear surface part 3 takes a turn forward centering around a jointed part. During this movement, the course between a device for dispersing pressure (DDP) 6 and a stretching device 7 is pulled, so the part 5a of the cord 5 receives tension. At the same time, however, the setting point 12 of the part 5a moves to a place close to the DDP 6, and the part 5b of the cord becomes shorter. This shortening compensates the elongation of the part 5a. A loop consisting of the parts 5a and 5b creeps within a reversible mechanism 11 and the tension applied to the DDP 6 remains unchanged in the long run. In order for a fastening mechanism to show a fully neutral state of a movement when the leg is bent, it would be better for the parts 5a and 5b of the cable to pass the points of an equal distance from a geometrical matching fulcrum on the leg of the boot, i.e., from the axis of a rivet 4.

Abstract (fr)
Chaussure constituée d'un bas de coque (1) et d'une tige (2, 3) articulée sur ce bas de coque. Le pied est serré diagonalement au moyen d'un câble (5) passant sur un répartiteur de pression (6) et sur lequel agit un tendeur (7) monté sur la partie postérieure (3) de la tige. Le câble (5) forme une boucle sur le répartiteur de pression (6) en couissant dans un renvoi (11). L'un des brins (5a) de la boucle passe en-dessous de l'articulation (4), tandis que l'autre brin (5b) passe au-dessus de cette articulation, de telle sorte qu'il n'y a ni augmentation de la compression du cou-de-pied, ni relaxation, lors de la flexion vers l'avant.

IPC 1-7
A43B 5/04

IPC 8 full level
A43B 5/04 (2006.01)

CPC (source: EP US)
A43B 5/0449 (2013.01 - EP US)

Citation (search report)
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• [A] EP 0157118 A1 19851009 - NORDICA SPA [IT]

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