

Title (en)
SKI BOOT

Publication
EP 0370949 B1 19930616 (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.

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)

Cited by
EP0510381A3; US8782926B2; US8806778B2

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