

Title (en)

Device for modifying the natural pressure distribution of a ski on its surface-sole

Title (de)

Vorrichtung zum Verändern der natürlichen Druckverteilung eines Skis auf seine Gleitfläche

Title (fr)

Dispositif pour modifier la répartition naturelle d'un ski sur sa surface de glisse

Publication

**EP 0556610 B1 19971217 (FR)**

Application

**EP 93101278 A 19930128**

Priority

FR 9201958 A 19920218

Abstract (en)

[origin: EP0556610A2] The invention relates to a device aimed at modifying the pressure distribution of a ski, such as, in particular, an alpine ski, over its sliding surface (surface-sole). The device is characterised in that it comprises a sensor member (60) capable of sensing the vertical stresses of the boot and, moreover, linking means (43, 44) for transmitting at least towards one of the ends of the ski in the form of a bending moment a part at least of the vertical thrust of the boot downwards sensed by the sensor (60). The linking means (43, 44) comprise calibrating means (43, 44, 55) for inducing a prestress. The linking means have, furthermore, a sensor (60) sensitive to the presence or the absence of the boot in order automatically to control the calibrating means in accordance with the presence or the absence of the boot. The invention also relates to a ski brake. The brake arms are carried by one of the levers (44) constituting the linking and calibrating means.

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CPC (source: EP US)

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Cited by

US5566966A; FR2711321A1; FR2766100A1; US5513872A; FR3107193A1; FR2716119A1; EP0672437A1; EP0671187A1; FR2717090A1; FR2718047A1; EP0678314A1; EP0674925A1; FR2718048A1; US5687982A; EP0658360A1; FR2713945A1; US5540458A; WO9511066A1

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