

Title (en)
DEVICE FOR VARYING THE NATURAL PRESSURE DISTRIBUTION OF A SKI ON A SLIDING SURFACE, AND SKI PROVIDED THEREWITH

Title (de)
VORRICHTUNG ZUM VERTEILEN DES DRUCKS EINES SKIS AUF EINER GLEITENDEN FLÄCHE

Title (fr)
DISPOSITIF VISANT A MODIFIER LA REPARTITION NATURELLE DE PRESSION D'UN SKI SUR SA SURFACE DE GLISSE, ET SKI EQUIPE D'UN TEL DISPOSITIF

Publication
EP 0660740 B1 19970312 (FR)

Application
EP 94919741 A 19940621

Priority
• FR 9400746 W 19940621
• FR 9308913 A 19930716

Abstract (en)
[origin: US5713593A] PCT No. PCT/FR94/00746 Sec. 371 Date Mar. 13, 1995 Sec. 102(e) Date Mar. 13, 1995 PCT Filed Jun. 21, 1994 PCT Pub. No. WO95/02437 PCT Pub. Date Jan. 26, 1995An interface apparatus for modifying the natural pressure distribution of a ski, particularly an alpine ski, along its gliding surface. The apparatus includes a vertically mobile rear sensor on which the rear end of the boot is supported; a rocking device journaled around a transverse axis, the rocking device having an approximately horizontal arm to which the sensor transmits its vertical movements, and a substantially vertical arm; and a linkage assembly connecting the vertical arm of the rocking device to the base of the front binding element, whereby the forces exerted through the sensor are transmitted to the base of the front binding element. The linkage assembly includes a linkage plate, which is rigid when compressed, that is connected to the base of the front binding element by a journal raised with respect to the upper surface of the ski, the length of the linkage plate being substantially equal to the distance between its connection to the base and the vertical arm of the rocking device, so that, in a lowered position, the linkage plate is in support against the vertical arm of the rocking device and transmits to the base the forces of the sensor.

IPC 1-7
A63C 5/07

IPC 8 full level
A63C 5/07 (2006.01); **A63C 9/00** (2012.01)

CPC (source: EP US)
A63C 5/07 (2013.01 - EP US); **A63C 9/003** (2013.01 - EP US)

Designated contracting state (EPC)
AT CH DE IT LI

DOCDB simple family (publication)
US 5713593 A 19980203; AT E149852 T1 19970315; DE 69402045 D1 19970417; DE 69402045 T2 19970703; EP 0660740 A1 19950705; EP 0660740 B1 19970312; FR 2707511 A1 19950120; FR 2707511 B1 19951208; JP H08501484 A 19960220; WO 9502437 A1 19950126

DOCDB simple family (application)
US 40369095 A 19950313; AT 94919741 T 19940621; DE 69402045 T 19940621; EP 94919741 A 19940621; FR 9308913 A 19930716; FR 9400746 W 19940621; JP 50436495 A 19940621