

Title (en)

Toe piece binding.

Title (de)

Vordere Sohlenhaltevorrichtung.

Title (fr)

Fixation de la butée avant.

Publication

EP 0446780 B1 19931201 (DE)

Application

EP 91103461 A 19910307

Priority

DE 4007667 A 19900310

Abstract (en)

[origin: EP0446780A2] The toe piece binding (1) has a support bearing (13) which is mounted rotatably in lateral bearing blocks (7), fixed to the ski, and on which the ski boot (14) rests with positive fit in the touring position. To achieve this positive fit, the boot sole has a recess (22) which is matched to the support bearing (14) constructed as a straight shaft, and in which the support bearing fits. Serving for fastening the boot on this support bearing is a tightening lever (9) which is mounted so as to be swivellable by means of tensioning struts (8) and has at its one end a pressure piece (10) which presses onto the projecting edge of the boot sole (11) in its closed position in which the tightening lever is in an after-dead-centre position. For downhill skiing, the boot is placed directly on the ski and the tightening lever (9) is swivelled below the support bearing (13) and has at its end opposite the pressure piece (10) a holding-down device (12) for the sole which grips over the upper sole edge in the downhill skiing position. In order that the tightening lever mounted so as to be swivellable on the tensioning struts cannot escape upwards, it is held by the support bearing (13), below which it is swivelled for the downhill skiing position. <IMAGE>

IPC 1-7

A63C 9/00

IPC 8 full level

A63C 9/00 (2006.01); **A63C 9/085** (2006.01); **A63C 9/20** (2006.01)

CPC (source: EP US)

A63C 9/20 (2013.01 - EP US)

Cited by

EP0620029A3

Designated contracting state (EPC)

AT CH FR IT LI

DOCDB simple family (publication)

DE 4007667 C1 19910620; AT E97827 T1 19931215; CA 2037880 A1 19910911; CA 2037880 C 19951031; CS 61491 A2 19911015; EP 0446780 A2 19910918; EP 0446780 A3 19911113; EP 0446780 B1 19931201; JP H05300962 A 19931116; US 5249820 A 19931005; US 5364118 A 19941115

DOCDB simple family (application)

DE 4007667 A 19900310; AT 91103461 T 19910307; CA 2037880 A 19910308; CS 61491 A 19910308; EP 91103461 A 19910307; JP 7058891 A 19910311; US 4272493 A 19930405; US 66623991 A 19910308