

Title (en)

SHOE WITH AN ARTICULATED TILTING TONGUE FOR RIGIDIFYING THE FRONT FACE OF THE SHOE AND MORE PARTICULARLY A SNOW SURF BOOT

Title (de)

SCHUH MIT EINER KIPPGESTÄNGELASCHE ZUR VERSTEIFUNG VON DER VORDERSEITE DES SCHUHS, INSbesondere EINES SNOWBOARDSTIEFELS

Title (fr)

CHAUSSURE COMPORTANT UN CAPOT BASCULANT, ARTICULE, DESTINE A RIGIDIFIER LA FACE ANTERIEURE DE LA CHAUSSURE ET PLUS PARTICULIEREMENT D'UNE BOTTE DE SURF DE NEIGE

Publication

**EP 1162898 B1 20051026 (FR)**

Application

**EP 01907661 A 20010122**

Priority

- FR 0100199 W 20010122
- FR 0000847 A 20000124

Abstract (en)

[origin: WO0152679A1] The invention concerns a device consisting of a top cover (1) and an insert in the form of a shaft (5) implanted in the thickness of the front part of a sole (9) and forming an articulated system, designed to control the flexural rigidity of a shoe, in particular a snow surf boot, or designed to protect the front face of the boot partly or completely. All the elements forming the system are detachable. The articulation which it defines provides the cap with anteroposterior mobility which, in closed position (1/15), is pressed against the front face of the boot. Linked thereto by the boot's own retention means, the top cover (1), thanks to the properties and the shaping of the materials of which it is comprised, provides the boot with resistance to crushing and flexural and torsional deformation in its front part in use.

IPC 1-7

**A43B 5/04; A43B 7/32; A43B 5/18**

IPC 8 full level

**A43B 5/04** (2006.01); **A43B 5/18** (2006.01); **A43B 7/32** (2006.01)

CPC (source: EP US)

**A43B 5/0401** (2013.01 - EP US); **A43B 5/0415** (2013.01 - EP US); **A43B 5/0496** (2013.01 - EP US); **A43B 5/18** (2013.01 - EP US);  
**A43B 7/32** (2013.01 - EP US); **A43B 23/26** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0152679 A1 20010726**; AT E307504 T1 20051115; DE 60114301 D1 20051201; DE 60114301 T2 20060720; EP 1162898 A1 20011219;  
EP 1162898 B1 20051026; FR 2803987 A1 20010727; FR 2803987 B1 20021004; US 2002133979 A1 20020926; US 7207126 B2 20070424

DOCDB simple family (application)

**FR 0100199 W 20010122**; AT 01907661 T 20010122; DE 60114301 T 20010122; EP 01907661 A 20010122; FR 0000847 A 20000124;  
US 93701601 A 20010920