

Title (en)

Binding device for holding a boot on a snowboard

Title (de)

Haltevorrichtung für einen Schuh auf einem Snowboard

Title (fr)

Dipositif de retenue d'une chaussure sur une planche de glisse destinée à la pratique du surf

Publication

EP 0804950 A1 19971105 (FR)

Application

EP 97106030 A 19970412

Priority

FR 9605670 A 19960502

Abstract (en)

The boot retainer consists of a base (4) which is fixed to the snow board surface and receives the sole of the boot. A rear support (5) is articulated to the base so that it can pivot in an antero-posterior direction. The rear support and base are connected by a spring-loaded member with at least one spring (12) to apply an upward pressure to the support in relation to the base. The rear support (5) can be made in one piece or in the form of an upper curved shell and a separate lower arch which is articulated to the base. The spring-loaded member connecting the rear support to the base also incorporates a stop to limit the rearward movement of the support. In a variant of the design the spring can be in the form of a torsion spring with its ends connected to the support and base.

Abstract (fr)

L'invention se rapporte à un dispositif de retenue (2) d'une chaussure (3) sur une planche de glisse (1). Le dispositif (2) comprend notamment un élément d'appui dorsal (5) et une embase (4), l'élément d'appui dorsal (5) étant articulé sur l'embase (4) selon un axe Y-Y' sensiblement transversal du dispositif (2). Le dispositif (2) est caractérisé en ce qu'au moins un moyen élastique (12, 41) sollicite l'élément d'appui dorsal (5) par rapport à l'embase (4) selon un mouvement d'articulation selon l'axe Y-Y' dans un sens postéro-antérieur. <IMAGE>

IPC 1-7

A63C 9/08

IPC 8 full level

A63C 5/00 (2006.01); **A63C 10/24** (2012.01); **A63C 10/26** (2012.01); **A63C 10/04** (2012.01)

CPC (source: EP)

A63C 10/24 (2013.01); **A63C 10/26** (2013.01); **A63C 10/04** (2013.01)

Citation (search report)

- [XY] CH 676797 A5 19910315 - WILLI HANS ANTON
- [X] US 3945134 A 19760323 - RAMER PAUL C
- [X] DE 2404447 A1 19740808 - POLYAIR MASCHINENBAU GMBH KITT
- [X] FR 2342040 A1 19770923 - TMC CORP [CH]
- [Y] DE 3622746 A1 19880121 - LAEMMERT MARKUS [DE]
- [Y] FR 2063622 A5 19710709 - STARPOOL
- [AD] DE 8902125 U1 19890511

Cited by

US6390492B1; US6631919B1

Designated contracting state (EPC)

AT CH DE LI

DOCDB simple family (publication)

EP 0804950 A1 19971105; FR 2748213 A1 19971107; JP H1071226 A 19980317

DOCDB simple family (application)

EP 97106030 A 19970412; FR 9605670 A 19960502; JP 11065497 A 19970428