

Title (en)
Connecting device of a shoe with straps

Title (de)
Gurtverbindungs Vorrichtung von einem Schuh

Title (fr)
Dispositif de liaison par sangle d'une chaussure

Publication
EP 0839557 A1 19980506 (FR)

Application
EP 97117997 A 19971017

Priority
FR 9613491 A 19961031

Abstract (en)
The fastening consists of at least one strap (3) situated in the instep zone of the boot, made with a supple and flexible padding (6) on the boot side of the strap. The padding is designed to distribute the pressure from the strap against the instep so that the central pressure zone corresponding to the position of the big toe tendon is lower than the lateral pressure on either side of it. The strap's pressure distribution is achieved by having a central recess in the padding and thicker portions on either side of it to create a space for the tendon. The thicker portions are ovoid in shape, with their tips towards the central recess so that they conform to the ergonomic shape of the instep. The padding can be made from materials of different densities, with a lower density material in the middle of the strap which is able to compress to absorb the tendon, produced e.g. by moulding or sewing a foam material inside a flexible sleeve.

Abstract (fr)
Dispositif de liaison d'une chaussure de sport à associer à une planche de glisse (1) pour la pratique du surf sur la neige au moyen d'au moins une sangle (3) comprenant un rembourrage (6) dirigé vers la chaussure, au niveau du cou-de-pied, caractérisé en ce que le rembourrage (6) de la sangle (3) comporte des moyens de répartition de la pression de serrage exercée par celle-ci sur le cou-de-pied, de manière à obtenir une pression centrale, correspondant à la zone du tendon releveur du gros orteil, inférieure aux pressions latérales exercées de part et d'autre de celui-ci. <IMAGE>

IPC 1-7
A63C 9/08; A43C 11/14

IPC 8 full level
A43C 11/14 (2006.01); **A63C 10/06** (2012.01); **A63C 10/04** (2012.01); **A63C 10/24** (2012.01)

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A43C 11/1493 (2013.01 - EP US); **A63C 10/06** (2013.01 - EP US); **A63C 10/04** (2013.01 - EP US); **A63C 10/24** (2013.01 - EP US)

Citation (applicant)
US 5356170 A 19941018 - CARPENTER JAKE B [US], et al

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