

Title (en)

Sports footwear with hinged cuff for a walking position

Title (de)

Sportschuh mit angelenktem Schaft für eine Laufstellung

Title (fr)

Chaussure de sport avec collier articulé pour une position de marche

Publication

EP 2486817 A1 20120815 (FR)

Application

EP 11425022 A 20110203

Priority

EP 11425022 A 20110203

Abstract (en)

The device (10) has a rocker (11) moved in rotation about a rotation pin (3). A lever is moved in the rotation, and an elastic element e.g. torsion spring, is connected to the lever such that the lever occupies a stable position in which the lever holds the rocker in a locking position and another stable position in which the lever holds the rocker in an unlocking position. The elastic element is fastened to the lever in a position away from the rotation pin of the lever to exert moment of inertia on the lever tending to hold the lever in the locking and unlocking positions. An independent claim is also included for a sports boot comprising a collar.

Abstract (fr)

Dispositif de verrouillage et déverrouillage (10) pour former une interface entre la coque (1) et le collier (2) d'une chaussure de sport, caractérisé en ce qu'il comprend une bascule (11) mobile en rotation autour d'un axe (13), un levier (15) mobile en rotation et un élément élastique lié au levier (15), de sorte que le levier (15) peut occuper une première position stable dans laquelle il maintient la bascule (11) dans une position de verrouillage et une seconde position stable dans laquelle il maintient la bascule (11) dans une position de déverrouillage.

IPC 8 full level

A43B 5/04 (2006.01)

CPC (source: EP US)

A43B 5/0474 (2013.01 - EP US); **Y10T 403/32254** (2015.01 - EP US)

Citation (applicant)

- FR 2661076 A1 19911025 - LANGE INT SA [CH]
- EP 2070433 A1 20090617 - SALOMON SAS [FR]

Citation (search report)

- [XA] EP 0940096 A2 19990908 - HTM SPORT SPA [IT]
- [XDA] FR 2661076 A1 19911025 - LANGE INT SA [CH]
- [XA] EP 0740909 A1 19961106 - LANGE INT SA [CH]
- [A] EP 2070433 A1 20090617 - SALOMON SAS [FR]
- [A] EP 1952713 A1 20080806 - TECNICA SPA [IT]
- [A] EP 0248149 A1 19871209 - LANGE INT SA [CH]

Cited by

EP3673760A1; EP3292778A1; IT201600091373A1; EP3053469A1; US11510454B2; US10485290B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2486817 A1 20120815; EP 2486817 B1 20161116; US 2012198725 A1 20120809; US 9770063 B2 20170926

DOCDB simple family (application)

EP 11425022 A 20110203; US 201213365720 A 20120203