

Title (en)

Toe piece for a touring ski binding

Title (de)

Vorderbacken für eine Skitourenbindung

Title (fr)

Mâchoire avant pour une fixation de ski de randonnée

Publication

EP 2774661 A3 20141105 (DE)

Application

EP 14158284 A 20140307

Priority

DE 102013204060 A 20130308

Abstract (en)

[origin: EP2774661A2] The device (100) has a base body (101) mounted on a ski, and a mounting lever (110) provided with a coupling element (113) for coupling to a ski boot, where the mounting lever is placed on the base body and rotatable around a rotation axis (114). Another mounting lever (120) includes another coupling element (123) for coupling to the ski boot. A spring (130) is coupled to the base body and to the former mounting lever such that a torque (M1) is produced at the rotation axis to bias the former coupling element toward the latter coupling element with a biasing force (FV1). Independent claims are also included for the following: (1) a crampon for a ski (2) a ski binding.

IPC 8 full level

A63C 7/12 (2006.01); **A63C 9/00** (2012.01); **A63C 9/08** (2012.01); **A63C 9/085** (2012.01); **A63C 9/086** (2012.01)

CPC (source: EP US)

A63C 7/12 (2013.01 - EP US); **A63C 9/001** (2013.01 - EP); **A63C 9/005** (2013.01 - EP US); **A63C 9/006** (2013.01 - EP); **A63C 9/0807** (2013.01 - EP); **A63C 9/08521** (2013.01 - EP); **A63C 9/08571** (2013.01 - EP); **A63C 9/08578** (2013.01 - EP); **A63C 9/086** (2013.01 - EP); **A63C 9/084** (2013.01 - EP)

Citation (search report)

- [XYI] WO 2007010392 A2 20070125 - SKI TRAB S R L [IT], et al
- [Y] EP 0345371 A1 19891213 - LOOK SA [FR]
- [AD] DE 202011109616 U1 20120206 - HEUMANN SEPP [DE]
- [A] US 3638959 A 19720201 - REUGE HENRI
- [A] FR 2218912 A1 19740920 - SALOMON GEORGES P J [FR]
- [A] US 4348036 A 19820907 - SETTEMBRE RICHARD J

Cited by

US11524220B2; EP3135351A1; US2021268364A1; EP3184155A1; FR3046083A1; EP3184156A1; FR3046082A1; EP3508259A1; IT201800000399A1; WO2020010477A1

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 2774661 A2 20140910; EP 2774661 A3 20141105; DE 102013204060 A1 20140911; DE 102013204060 B4 20150122

DOCDB simple family (application)

EP 14158284 A 20140307; DE 102013204060 A 20130308