

Title (en)
STAND STRUCTURE WITH STRONG ARCHING

Title (de)
AUFSTANDSTRUKTUR MIT STARKER AUFWÖLBUNG

Title (fr)
STRUCTURE DE CONTACT FORTEMENT BOMBÉE

Publication
EP 3485948 B1 20220928 (DE)

Application
EP 18214719 A 20160113

Priority
• DE 102015100435 A 20150113
• EP 16151150 A 20160113

Abstract (en)
[origin: US2017196298A1] The invention relates to a combination of a downhill binding or downhill ski binding, in particular a front jaw of the downhill binding, and a ski boot. The ski boot (10) comprises a rigid ski boot shell (11) and a sole (1) of the ski boot comprising a front end (1b) of the sole, a rear end of the sole, an upper side (1a) of the sole and a lower side (1c) of the sole. The downhill binding comprises a front jaw (20) and a rear jaw, wherein the downhill binding comprises a bearing structure (2) for the sole (1) of the ski boot. The bearing structure (2) has an apex (5) which has a distance (X1), in the longitudinal direction (X), from the front end (1b) of the sole held in the downhill binding of at least 28 mm and at most 34 mm, and wherein the apex (5) exhibits a perpendicular distance (Y2) from the upper side (1a) of the sole of the ski boot held in the downhill binding of $19\text{ mm} \pm 2\text{ mm}$ in at least one point.

IPC 8 full level
A63C 9/00 (2012.01); **A43B 5/04** (2006.01); **A63C 9/08** (2012.01); **A63C 9/085** (2012.01); **A63C 9/10** (2012.01); **A63C 9/22** (2012.01)

CPC (source: EP US)
A43B 5/04 (2013.01 - US); **A63C 9/001** (2013.01 - EP US); **A63C 9/005** (2013.01 - EP US); **A63C 9/0807** (2013.01 - EP US);
A63C 9/08592 (2013.01 - EP US); **A63C 9/10** (2013.01 - US); **A63C 9/22** (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 3045213 A1 20160720; EP 3045213 B1 20181226; DE 102015100435 A1 20160714; DE 202016008127 U1 20170314;
EP 3485948 A1 20190522; EP 3485948 B1 20220928; SI 3485948 T1 20221130; US 11033067 B2 20210615; US 2017196298 A1 20170713

DOCDB simple family (application)
EP 16151150 A 20160113; DE 102015100435 A 20150113; DE 202016008127 U 20160113; EP 18214719 A 20160113;
SI 201631608 T 20160113; US 201615184404 A 20160616