

Title (en)

Bi-layered part of a sports shoe with deformation zone

Title (de)

Zweischichtiger Teil eines Sportschuhes mit Verformungszone

Title (fr)

Partie bicouche de chaussure de sport avec zone de déformation

Publication

**EP 1685771 A1 20060802 (FR)**

Application

**EP 05425031 A 20050126**

Priority

EP 05425031 A 20050126

Abstract (en)

The lower leg part has a part with two superposed layers of plastic partially surrounding lower leg, and includes an opening that can be closed by attaching components (6) distributed on either side of the opening. One of the layers has recess (9) lying on an axis to define a deformation axis of the lower-leg part. The layer allows the part of the lower-leg part that is around the axis to move away to enlarge the opening. An independent claim is also included for a method for manufacturing a sports boot part.

IPC 8 full level

**A43B 5/04** (2006.01); **A43B 5/16** (2006.01); **A43B 11/00** (2006.01); **A43C 11/14** (2006.01)

CPC (source: EP US)

**A43B 1/0072** (2013.01 - EP US); **A43B 5/04** (2013.01 - EP US); **A43B 5/0476** (2013.01 - EP US); **A43B 5/0482** (2013.01 - EP US); **A43B 5/1625** (2013.01 - EP US); **A43B 5/1691** (2013.01 - EP US); **A43B 11/00** (2013.01 - EP US); **A43C 11/14** (2013.01 - EP US)

Citation (search report)

- [XA] EP 0484845 A2 19920513 - NORDICA SPA [IT]
- [XA] FR 2119653 A5 19720804 - ZANATTA RUGGERO
- [AD] EP 0659358 A1 19950628 - NORDICA SPA [IT]
- [AD] WO 03001937 A1 20030109 - TECNICA SPA [IT], et al
- [A] EP 0948911 A2 19991013 - TYROLIA FREIZEITGERAETE [AT]
- [A] US 5924706 A 19990720 - SELTZER EDWIN [US], et al
- [A] US 5397141 A 19950314 - HOSHIZAKI T BLAINE [CA], et al

Cited by

EP1859697A1; DE202007019114U8; EP2198728A1; EP2987420A1; US8387286B2; US9833036B2; US9936762B2; US10897952B2; US12048351B2

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

**EP 1685771 A1 20060802**; **EP 1685771 B1 20080416**; DE 602005006090 D1 20080529; DE 602005006090 T2 20090604; DE 602005006090 T9 20090910; US 2006162192 A1 20060727; US 7716854 B2 20100518

DOCDB simple family (application)

**EP 05425031 A 20050126**; DE 602005006090 T 20050126; US 33853006 A 20060124