

Title (en)  
Sports footwear with variable stiffness

Title (de)  
Sportschuh mit variabler Steifigkeit

Title (fr)  
Chaussure de sport à rigidité variable

Publication  
**EP 1319346 A1 20030618 (FR)**

Application  
**EP 02027535 A 20021209**

Priority  
CH 22542001 A 20011211

Abstract (en)  
The boot consists of a rigid shell (2) that is open along the top of the foot, a supple covering element (6) for the opening, a hinged collar (3), and a liner. The supple element, in the form of two overlapping flaps, is located on the outside of the shell and has semi-rigid elements (7, 8) covering it and joined to the shell by connecting elements (9).

Abstract (fr)  
La chaussure pour sport de glisse, en particulier pour le ski, comprend une coque rigide (2) destinée à envelopper partiellement le pied d'un utilisateur, un collier (3) articulé sur la coque (2) et un chausson, ladite coque (2) comportant une partie ouverte facilitant le chaussage et le déchaussage. La chaussure comprend en outre au moins un élément souple (6) couvrant ladite partie ouverte de façon à fermer la chaussure et un élément semi-rigide (7,8) superposé sur ledit élément souple (6) et des moyens de fixation (9) desdits éléments sur la coque rigide (2). <IMAGE>

IPC 1-7  
**A43B 5/04**; **A43B 7/12**; **A43C 1/00**

IPC 8 full level  
**A43B 5/04** (2006.01); **A43B 7/12** (2006.01); **A43C 1/00** (2006.01)

CPC (source: EP US)  
**A43B 5/04** (2013.01 - EP US); **A43B 7/12** (2013.01 - EP US); **A43C 1/00** (2013.01 - EP US)

Citation (applicant)  

- WO 9603186 A1 19960208 - CRUSH SNOWBOARD PROD INC [US]
- FR 2740305 A1 19970430 - SALOMON SA [FR]
- FR 2702935 A1 19940930 - SALOMON SA [FR]
- DE 19527320 A1 19970130 - LEDERER STEFAN [DE]
- FR 2801771 A1 20010608 - SALOMON SA [FR]

Citation (search report)  

- [X] EP 1066767 A1 20010110 - LANGE INT SA [CH]
- [A] EP 1059045 A1 20001213 - TECNICA SPA [IT]
- [A] FR 2694167 A1 19940204 - SALOMON SA [FR]
- [A] WO 0053045 A1 20000914 - PAUL HENRY [GB], et al
- [A] US 5647150 A 19970715 - ROMANATO MARIAROSA [IT], et al

Cited by  
EP3153047A3; DE102010017665A1; EP3143891A3

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**EP 1319346 A1 20030618**; **EP 1319346 B1 20040324**; CH 695005 A5 20051115; DE 60200290 D1 20040429; DE 60200290 T2 20050310; US 2003126763 A1 20030710; US 6779284 B2 20040824

DOCDB simple family (application)  
**EP 02027535 A 20021209**; CH 22542001 A 20011211; DE 60200290 T 20021209; US 31399702 A 20021206