

Title (en)
Sportshoe

Title (de)
Sportschuh

Title (fr)
Chaussure de sport

Publication
EP 0894445 A1 19990203 (FR)

Application
EP 98810461 A 19980519

Priority
CH 182197 A 19970730

Abstract (en)
The boot, made from a plastic shell (1) and an inner lining, has at least one zone (12) of reduced rigidity on the inside or outside of the shell in line with the metatarso-phalangeal joint. The shell is made from two layers of plastic, e.g. polyurethane, with different degrees of rigidity, with the supple zone(s) (12) formed by the less rigid layer of plastic only, the hardness of which is between 45 and 55 shD. In variants the supple zone can include textile or elastomer materials, or it can be made from a hole in the plastic shell aligned with a patch of a less rigid plastic material on the liner.

Abstract (fr)
La chaussure de sport comporte une coque (1) en matière plastique et un chausson intérieur (8), la coque présentant au moins une zone de rigidité inférieure (12) à la rigidité du reste de la coque. La zone de rigidité inférieure est une zone relativement souple située sur le côté de la coque correspondant au côté extérieur et/ou intérieur du pied, de manière à être en face de l'articulation métatarsophalangienne du pied. <IMAGE>

IPC 1-7
A43B 5/04

IPC 8 full level
A43B 5/04 (2006.01)

CPC (source: EP US)
A43B 5/04 (2013.01 - EP US); **A43B 5/0482** (2013.01 - EP US)

Citation (applicant)
EP 0645101 A1 19950329 - NORDICA SPA [IT]

Citation (search report)
• [AD] FR 2671947 A1 19920731 - KOEFLACH SPORTGERAETE GMBH [AT]
• [AD] FR 2077184 A5 19711015 - ZANATTA RUGGERO
• [A] DE 2005900 A1 19700924
• [A] US 3807062 A 19740430 - SPIER I

Cited by
FR2838925A1; AT508426B1; WO03090572A1; DE102010016601A1; US9066555B2

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 0894445 A1 19990203; **EP 0894445 B1 20010711**; CH 689965 A5 20000229; DE 69801077 D1 20010816; DE 69801077 T2 20011129; US 6112435 A 20000905

DOCDB simple family (application)
EP 98810461 A 19980519; CH 182197 A 19970730; DE 69801077 T 19980519; US 10844398 A 19980701