

Title (en)

Waterproof and transpiring outsole.

Title (de)

Wasserdichte und luftdurchlässige Aussensohle.

Title (fr)

Semelle extérieure étanche anti-transpiration.

Publication

EP 0479183 A2 19920408 (EN)

Application

EP 91116638 A 19910930

Priority

IT 4170490 A 19901003

Abstract (en)

The waterproof and transpiring outsole which is particularly useful for footgear comprises at least one outer band (2), made of rubber or of an equivalent material, the thickness whereof is crossed by microperforations (3). The outer band is coupled, with the interposition of a membrane (4) made of transpiring and waterproof material, to a corresponding inner band (8), also made of rubber or of an equivalent material. The inner band is crossed by holes (10) which communicate with the inside of the item of footgear. <IMAGE>

IPC 1-7

A43B 7/06; **A43B 13/12**; **A43B 13/14**

IPC 8 full level

A43B 7/08 (2006.01); **A43B 7/12** (2006.01); **A43B 13/14** (2006.01)

CPC (source: EP)

A43B 7/088 (2013.01); **A43B 7/125** (2013.01); **A43B 13/14** (2013.01)

Citation (applicant)

- EP 0382904 A2 19900822 - POL SCARPE SPORTIVE SRL [IT]
- GB 472955 A 19371004 - US RUBBER PROD INC

Cited by

US11452332B2; EP2218348A1; EP0713658A1; EP1927296A1; KR20030025460A; US2016120261A1; US6769202B1; US6874251B2; EP1483980A1; EP1300090A1; IT201900000789A1; EP1402794A1; EP0960579A3; EP1201143A1; US6446359B2; EP0619959A1; US5598644A; CZ300946B6; EP1312275A3; EP2636325A1; US8893403B2; US6655048B2; US6729044B2; DE202014100249U1; WO2012126164A1; WO2010094448A1; DE202014100250U1; WO0178542A1; US8127465B2; DE202014100248U1; US8919011B2; US7370382B2; US7546697B2; EP0960579A2; WO2014139595A1; US9687040B2; DE102008027856A1; US9192208B2; EP3117727A1; US9750301B2; US9756898B2

Designated contracting state (EPC)

AT CH DK LI SE

DOCDB simple family (publication)

EP 0479183 A2 19920408; **EP 0479183 A3 19921202**; **EP 0479183 B1 19960731**; AT E140858 T1 19960815; DK 0479183 T3 19960826; IT 1247400 B 19941213; IT 9041704 A0 19901003; IT 9041704 A1 19920403; JP 3135954 B2 20010219; JP H04263801 A 19920918

DOCDB simple family (application)

EP 91116638 A 19910930; AT 91116638 T 19910930; DK 91116638 T 19910930; IT 4170490 A 19901003; JP 28033191 A 19911002