

Title (en)
SELF-VENTILATING FOOTWEAR

Title (de)
SELBSTBELÜFTENDES SCHUHWERK

Title (fr)
CHAUSSURE AUTO-VENTILÉE

Publication
EP 2449904 B1 20160406 (EN)

Application
EP 10793647 A 20100630

Priority
• ES 2010070449 W 20100630
• ES 200901520 A 20090701

Abstract (en)
[origin: EP2449904A1] Self-ventilating footwear, especially applicable to sports trainers, that comprises a sole with a chamber (4) in communication with the exterior by means of one-way valves (8) that allow air to exit the chamber (4) to the outside and prevent the ingress thereof towards the inside, this chamber (4) being in communication with the inside (5) of the footwear (1) via holes (6) made in the insole (3) that delimits the chamber (4) at the top, said holes (6), in combination with elastic patches (7), forming one-way valves that allow air to pass from the inside (5) of the footwear (1) towards the chamber (4), but not in the opposite direction, and therefore the loading of the foot (11) on the sole and the cessation of said loading give rise to a one-way circulation of air to the outside, via the chamber (4), providing ventilation to the inside (5) of the footwear (1) and therefore to the foot (11).

IPC 8 full level
A43B 7/06 (2006.01); **A43B 7/08** (2006.01)

CPC (source: EP US)
A43B 7/06 (2013.01 - EP US); **A43B 7/082** (2013.01 - EP US); **A43B 7/088** (2013.01 - EP US)

Cited by
IT202200009074A1; WO2018154486A1

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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2449904 A1 20120509; EP 2449904 A4 20130925; EP 2449904 B1 20160406; CN 102469842 A 20120523; ES 2580805 T3 20160826; US 2012110875 A1 20120510; WO 2011000995 A1 201110106

DOCDB simple family (application)
EP 10793647 A 20100630; CN 201080029468 A 20100630; ES 10793647 T 20100630; ES 2010070449 W 20100630; US 201013381964 A 20100630