

Title (en)
SELF-VENTILATING FOOTWEAR

Title (de)
SELBSTBELÜFTENDES SCHUHWERK

Title (fr)
CHAUSSURE AUTO-VENTILÉE

Publication
EP 2449904 A4 20130925 (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)

Citation (search report)
• [A] EP 1266585 A1 20021218 - DIADORA SPA [IT]
• [A] US 2004074107 A1 20040422 - TUAN WEI-JEI [TW]
• [A] US 6305099 B1 20011023 - CHU HUEY-CHENG [TW]
• See references of WO 2011000995A1

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

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