

Title (en)

Air-conditioned footwear having an extraction device for the condensation water

Title (de)

Belüftetes Schuhwerk mit Abzugsvorrichtung für das Kondenswasser

Title (fr)

Chaussure climatisée dotée d'un dispositif d'extraction pour l'eau de condensation

Publication

**EP 2042051 A1 20090401 (EN)**

Application

**EP 08165279 A 20080926**

Priority

IT MI20071864 A 20070928

Abstract (en)

The present invention concerns an air-conditioned item of footwear (1), suitable for causing condensation of the humidity that is formed inside as a result of the perspiration of the foot, as well as to collect and extract the condensate. This air-conditioned item of footwear (1) it's of the type that envisages first means, operated by the foot, designed to generate a circulation of air in a gap (6) made in the upper (5) of said item of footwear, said air being taken in from outside said item of footwear (1), said item of footwear being characterized in that it envisages second means designed to expel outside said item of footwear the water deriving from condensation of the water vapour emitted by the foot, said condensation occurring within said gap (6) of said upper (5) as a result of cooling actuated by said air.

IPC 8 full level

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CPC (source: EP US)

**A43B 7/081** (2013.01 - EP US); **A43B 7/082** (2013.01 - EP US); **A43B 7/125** (2013.01 - EP US)

Citation (applicant)

- KR 20040037042 A 20040504 - HANIL SHOES CO LTD
- WO 2007032037 A1 20070322 - SPRINGTIME DEV S A [PA], et al

Citation (search report)

- [X] US 3044188 A 19620717 - HENRY EVANGELISTA
- [X] US 2006277786 A1 20061214 - VATTES DAVID [US], et al
- [X] US 5953834 A 19990921 - CLODIC DENIS [FR]
- [X] EP 1723863 A1 20061122 - USS SAFETY SYSTEM S P A [IT]

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 08165279 A 20080926**; IT MI20071864 A 20070928; US 23764508 A 20080925