

Title (en)

DEVICE FOR INTERNAL VENTILATION OF A SHOE

Title (de)

VORRICHTUNG ZUR INTERNEN BELÜFTUNG EINES SCHUHS

Title (fr)

DISPOSITIF POUR LA VENTILATION INTERNE D'UNE CHAUSSURE

Publication

**EP 2334210 B1 20120321 (EN)**

Application

**EP 10703356 A 20100119**

Priority

- IB 2010050236 W 20100119
- IT TV20090006 A 20090121

Abstract (en)

[origin: WO2010084455A2] The present invention relates to a device (20) for internal ventilation of a shoe (10) comprising a pumping unit (40) suitable for sucking in air from the outside towards the inside the shoe (10); an input chamber (70) suitable for introducing the air sucked in by the pumping unit (40) inside the shoe (10); and a connecting channel (50) suitable for conveying the air sucked in by the pumping unit (40) towards the input chamber (70). The device 20 is also characterized in that it comprises hygroscopic means (36) suitable for reducing the degree of relative humidity of the air introduced inside the shoe (10). The invention also relates to a shoe (10) containing such a device (20).

IPC 8 full level

**A43B 7/06** (2006.01); **A43B 17/08** (2006.01)

CPC (source: EP)

**A43B 1/0045** (2013.01); **A43B 7/081** (2013.01); **A43B 17/08** (2013.01)

Designated contracting state (EPC)

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)

**WO 2010084455 A2 20100729**; **WO 2010084455 A3 20101014**; AT E549951 T1 20120415; EP 2334210 A2 20110622; EP 2334210 B1 20120321; IT TV20090006 A1 20100722

DOCDB simple family (application)

**IB 2010050236 W 20100119**; AT 10703356 T 20100119; EP 10703356 A 20100119; IT TV20090006 A 20090121