

Title (en)

Ventilating device for shoes and method for making the same

Title (de)

Lüftungsvorrichtung für Schuhe und Verfahren zu deren Herstellung

Title (fr)

Dispositif de ventilation pour article chaussant et procédé de fabrication

Publication

EP 0714611 B1 19981216 (FR)

Application

EP 95402690 A 19951130

Priority

FR 9414534 A 19941202

Abstract (en)

[origin: EP0714611A1] The ventilation comprises a compressible sealed chamber (1) in a flexible material constituted by a container with a cover. The cover consists of membranes forming non return valves allowing inlet and exhaust of air into the container in a single flow direction. The cover has a groove in its periphery into which the upper edge of the container is housed and sealed. The compressible chamber is encastred in an inner sole (14) which has on one face a network of air circulation channels (15) and holes (16). The channels communicate with the compressible chamber and the holes connect the channels to the internal sole opposite face. The container has at one end a flexible sloping tab (2') which lies on the wearing sole (20) and acts as a spring between this sole's upper surface and the inner sole lower face.

IPC 1-7

A43B 7/06; **A43B 17/08**

IPC 8 full level

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

CPC (source: EP)

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

Cited by

EP1114590A1; CN113208229A; EP0916274A1; CN103717099A; DE112011100034C5; US8893403B2; US6920705B2; EP2992771A1; WO2012126489A1; WO2004082416A1; US6722058B2; US6931765B2

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