

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 A1 19960605 (FR)

Application

EP 95402690 A 19951130

Priority

FR 9414534 A 19941202

Abstract (en)

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 encased 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.

Abstract (fr)

L'invention concerne un dispositif de ventilation pour un article chaussant de type sport ou ville. L'invention consiste en ce qu'il comporte une chambre compressible (1) en matériau souple et étanche constitué d'un réservoir (2) muni d'un couvercle (3), ledit couvercle (3) comportant des membranes formant clapet anti-retour (10, 11) permettant l'entrée et l'évacuation d'air dans le réservoir (1) selon un sens unique de circulation, et une semelle intérieure (14) sur laquelle la chambre compressible (1) est encastrable, ladite semelle (14) comportant sur une face un réseau de canaux de circulation d'air (15) en communication avec la chambre compressible (1) et étant munie de perforations (16) faisant communiquer lesdits canaux (15) avec la face opposée de la semelle intérieure (14). <IMAGE>

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

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

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