

Title (en)  
INSOLE AND SHOE HAVING AN INSOLE

Title (de)  
INNENSOHLE UND SCHUH MIT INNENSOHLE

Title (fr)  
SEMELLE INTERIEURE ET CHAUSSURE POURVUE D'UNE TELLE SEMELLE INTERIEURE

Publication  
**EP 1536710 A1 20050608 (DE)**

Application  
**EP 03748000 A 20030910**

Priority  
• DE 10241961 A 20020910  
• EP 0310069 W 20030910

Abstract (en)  
[origin: WO2004023916A1] The invention relates to an insole that is essentially adapted to the profile of a human foot and has, in the middle foot area, an elastically deformable dome-like arch that faces the foot. The aim of the invention is to reduce the technical complexity and financial expense of producing an insole, to increase the wearing comfort of a shoe by an insole, particularly by an insertable insole, to improve the fit of the shoe by means of an insole, and to ventilate or aerate the inside of the shoe with the aid of an insole. To these ends, the inventive insole comprises, in the area of the elastically deformable arch, at least one ventilation opening that, during walking, interacts with the elastically deformable arch to ventilate the inside of the shoe.

IPC 1-7  
**A43B 7/08**; **A43B 7/06**; **A43B 17/08**

IPC 8 full level  
**A43B 7/06** (2006.01); **A43B 7/08** (2006.01); **A43B 17/08** (2006.01)

CPC (source: EP US)  
**A43B 7/06** (2013.01 - EP US); **A43B 7/08** (2013.01 - EP US); **A43B 7/142** (2013.01 - EP US); **A43B 7/1425** (2013.01 - EP US); **A43B 7/143** (2013.01 - EP US); **A43B 7/1435** (2013.01 - EP US); **A43B 7/144** (2013.01 - EP US); **A43B 7/1445** (2013.01 - EP US); **A43B 7/145** (2013.01 - EP US); **A43B 17/08** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004023916A1

Cited by  
WO2009039902A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004023916 A1 20040325**; AT E433682 T1 20090715; AU 2003267336 A1 20040430; DE 10241961 A1 20040325; DE 10241961 B4 20050120; DE 50311614 D1 20090730; EP 1536710 A1 20050608; EP 1536710 B1 20090617; ES 2325068 T3 20090825; US 2006137216 A1 20060629; US 7617618 B2 20091117

DOCDB simple family (application)  
**EP 0310069 W 20030910**; AT 03748000 T 20030910; AU 2003267336 A 20030910; DE 10241961 A 20020910; DE 50311614 T 20030910; EP 03748000 A 20030910; ES 03748000 T 20030910; US 52764506 A 20060206