

Title (en)  
SHOE SOLE WITH VENTILATION, AND SHOE HAVING SUCH A SOLE

Title (de)  
SCHUHSOHL E MIT BELÜFTUNG UND SCHUH MIT EINER SOLCHEN SOHLE

Title (fr)  
SEMELLE DE CHAUSSURE À AÉRATION ET CHAUSSURE ÉQUIPÉE D'UNE TELLE SEMELLE

Publication  
**EP 2882309 A1 20150617 (DE)**

Application  
**EP 12746258 A 20120808**

Priority  
CH 2012000183 W 20120808

Abstract (en)  
[origin: WO2014022941A1] The shoe sole (1) comprises a flexible chamber (6) arranged therein, with at least one inlet (5) and at least one outlet (9). The shoe sole (1) also comprises an inlet valve (15) assigned to the inlet (5), and an outlet valve (19) assigned to the outlet (9), wherein the flexible chamber (6) is arranged in the front region of the shoe sole (1), where an air inlet space (4) of the shoe sole (1) is also provided. The air inlet space (4) is connected by the inlet valve to the chamber (6) which is open to the environment via openings (2) in the insole (3). Moreover, the chamber (6) is connected by the outlet valve to the outlet (9) on the outer face of the shoe sole (1) outside the insole (3). The chamber (6) is filled almost completely with an elastically deformable material (16), which is such that, during its elastic expansion, it absorbs air and, during its compression, it releases air that has previously been absorbed. In this way, an air circulation that feels comfortable to the foot can be achieved in the shoe having this sole.

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

CPC (source: EP US)  
**A43B 7/081** (2013.01 - US); **A43B 7/082** (2013.01 - EP US); **A43B 7/088** (2013.01 - EP US); **A43B 13/186** (2013.01 - US);  
**A43B 13/203** (2013.01 - US); **A43B 13/206** (2013.01 - US)

Citation (search report)  
See references of WO 2014022941A1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2014022941 A1 20140213**; DK 2882309 T3 20190204; EP 2882309 A1 20150617; EP 2882309 B1 20181024; ES 2705737 T3 20190326;  
HR P20190103 T1 20190308; LT 2882309 T 20190110; PL 2882309 T3 20190531; PT 2882309 T 20190201; RS 58056 B1 20190228;  
SI 2882309 T1 20190228; US 2015265001 A1 20150924; US 2017143073 A1 20170525

DOCDB simple family (application)  
**CH 2012000183 W 20120808**; DK 12746258 T 20120808; EP 12746258 A 20120808; ES 12746258 T 20120808; HR P20190103 T 20190116;  
LT 12746258 T 20120808; PL 12746258 T 20120808; PT 12746258 T 20120808; RS P20181503 A 20120808; SI 201231509 T 20120808;  
US 201214420220 A 20120808; US 201615368304 A 20161202