

Title (en)  
FOOTWEAR OUTSOLE MEMBER

Title (de)  
SCHUHSOHLENELEMENT

Title (fr)  
ÉLÉMENT DE CHAUSSURE FORMANT SEMELLE INTERCALAIRE

Publication  
**EP 3000344 A4 20170125 (EN)**

Application  
**EP 13844588 A 20130522**

Priority  
JP 2013064269 W 20130522

Abstract (en)  
[origin: EP3000344A1] A shoe midsole is composed of a base plate (1), a cover (2), a plurality of blades (3), and liquid (4). The blades (3) are formed in such a manner as to rise within a first region (11) of the base plate (1). The blades (3) are each composed of a plurality of flat-shaped blade elements (32, 33) separated each other by slits (31), and are tilted toward the toe side or the heel side. The flat-shaped blade elements (32, 33) are disposed in such a manner as to be divergent toward the toe side or the heel side. The base plate (1) and the cover (2) are joined together, thereby forming a closed space (5), and the liquid (4) is sealed in the closed space.

IPC 8 full level  
**A43B 13/18** (2006.01); **A43B 7/14** (2006.01); **A43B 13/12** (2006.01); **A43B 13/38** (2006.01); **A43B 13/40** (2006.01); **A43B 17/02** (2006.01)

CPC (source: EP RU US)  
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Citation (search report)

- [X] EP 2316294 A1 20110504 - HIMIKO CO LTD [JP]
- [A] EP 1031293 A1 20000830 - HIMIKO KK [JP]
- [A] EP 0487221 A2 19920527 - HIMIKO KK [JP]
- [A] CN 103082562 A 20130508 - LIN ZHIMING
- See references of WO 2014188546A1

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

DOCDB simple family (publication)  
**EP 3000344 A1 20160330; EP 3000344 A4 20170125**; AU 2013387183 A1 20141211; AU 2013387183 B2 20150716; CA 2873158 A1 20141127; CA 2873158 C 20160913; CN 104321118 A 20150128; CN 104321118 B 20160525; HK 1203876 A1 20151106; JP 5695794 B1 20150408; JP WO2014188546 A1 20170223; KR 102042553 B1 20191108; KR 20160013788 A 20160205; MX 2014006573 A 20150610; RU 2621650 C1 20170606; SG 11201403689V A 20141230; TW 201507649 A 20150301; TW I552691 B 20161011; US 2016128423 A1 20160512; WO 2014188546 A1 20141127

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