

Title (en)  
TRIATHLON INSOLE

Title (de)  
TRIATHLON-EINLEGESOHLE

Title (fr)  
SEMELLE INTÉRIEURE DE TRIATHLON

Publication  
**EP 3046437 A4 20161019 (EN)**

Application  
**EP 14844910 A 20140911**

Priority  
• US 201361878544 P 20130916  
• US 2014055133 W 20140911

Abstract (en)  
[origin: WO2015038737A1] An insole which provides cushioning and support to a user's foot subjected to ground forces and/or differing weather conditions encountered during active sports, for example triathlons, is herein disclosed. The insole comprises a base having a bottom side which defines recesses adapted to receive pads and pods having particular properties. The location and materials of the various pads and pods work together to provide ankle and foot stabilization, enhanced cushioning features, and resistance to insole movement during shoe operation.

IPC 8 full level  
**A43B 7/14** (2006.01); **A43B 17/00** (2006.01); **A43B 17/02** (2006.01)

CPC (source: EP KR US)  
**A43B 7/141** (2013.01 - EP KR US); **A43B 7/148** (2013.01 - US); **A43B 13/40** (2013.01 - KR); **A43B 17/006** (2013.01 - EP KR US);  
**A43B 17/02** (2013.01 - US); **A43B 17/023** (2013.01 - EP KR US)

Citation (search report)  
• [AP] WO 2014036176 A1 20140306 - SPENCO MEDICAL CORP [US]  
• [A] US 4571857 A 19860225 - CASTELLANOS RIGOBERTO [US]  
• [A] WO 2010124631 A1 20101104 - YANG MENGLONG [CN]  
• See references of WO 2015038737A1

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 2015038737 A1 20150319**; CN 105722421 A 20160629; EP 3046437 A1 20160727; EP 3046437 A4 20161019; JP 2016530042 A 20160929;  
KR 20160058141 A 20160524; SG 11201601996W A 20160428; TW 201517823 A 20150516; US 2016219970 A1 20160804

DOCDB simple family (application)  
**US 2014055133 W 20140911**; CN 201480062466 A 20140911; EP 14844910 A 20140911; JP 2016542092 A 20140911;  
KR 20167009668 A 20140911; SG 11201601996W A 20140911; TW 103131705 A 20140915; US 201415021865 A 20140911