

Title (en)
SHOE SOLE ELEMENT FOR STABILIZATION

Title (de)
SCHUHSOHLENELEMENT ZUR STABILISIERUNG

Title (fr)
ÉLÉMENT DE SEMELLE DE CHAUSSURE POUR STABILISATION

Publication
EP 2299949 A4 20170329 (EN)

Application
EP 09770567 A 20090626

Priority
• US 2009003829 W 20090626
• US 13328208 P 20080626

Abstract (en)
[origin: WO2009158029A1] The present invention provides a stabilizing device that helps to prevent over-pronation or over-supination and a shoe which includes such a stabilizing device. The stabilizing device is provided along a side of the midsole and preferably extends laterally between about 20% and about 35% of a width of the sole towards the opposite side thereof. The stabilizing device includes an elongated portion and a sidewall portion that extends transversely from the elongated portion. The sidewall portion forms part of an outer peripheral wall of the shoe. The sidewall portion has a stiffness which varies along the length of the stabilizing device to provide a predetermined support profile along the side of the sole. The elongated portion can also vary in stiffness along its length. The stabilizing device can be formed of a resilient material using an injection molding procedure or similar technique.

IPC 8 full level
A61F 5/14 (2006.01); **A43B 7/14** (2006.01)

CPC (source: EP US)
A43B 7/24 (2013.01 - EP US)

Citation (search report)
• [XY] US 4854055 A 19890808 - SUGIYAMA YASUNORI [JP], et al
• [XY] US 6401366 B2 20020611 - FOXEN THOMAS [US], et al
• [XY] US 6070342 A 20000606 - BROWN DENNIS N [US]
• [YA] US 4484397 A 19841127 - CURLEY JR JOHN J [US]

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
WO 2009158029 A1 20091230; CN 202069737 U 20111214; EP 2299949 A1 20110330; EP 2299949 A4 20170329; EP 2299949 B1 20180808; JP 2011525843 A 20110929; JP 5650110 B2 20150107; US 2010071231 A1 20100325

DOCDB simple family (application)
US 2009003829 W 20090626; CN 200990100441 U 20090626; EP 09770567 A 20090626; JP 2011516320 A 20090626; US 45910309 A 20090626