

Title (en)

Sole for a shoe

Title (de)

Sohle für einen Schuh

Title (fr)

Semelle pour chaussure

Publication

EP 2845504 A1 20150311 (EN)

Application

EP 14152908 A 20140128

Priority

DE 102013202353 A 20130213

Abstract (en)

Improved soles for shoes, in particular for sports shoes, are described. In one aspect, a sole for a shoe, in particular a sports shoe, is provided, said sole comprising a cushioning element that comprises randomly arranged particles of an expanded material and a control element. The control element is free from expanded material and reduces the shearing motions in a first region of the cushioning element compared to shearing motions in a second region of the cushioning element.

IPC 8 full level

A43B 13/18 (2006.01); **A43B 13/12** (2006.01)

CPC (source: EP)

A43B 1/0009 (2013.01); **A43B 1/04** (2013.01); **A43B 13/12** (2013.01); **A43B 13/122** (2013.01); **A43B 13/125** (2013.01); **A43B 13/187** (2013.01)

Citation (applicant)

- WO 2005066250 A1 20050721 - BASF AG [DE], et al
- DE 10244433 B4 20051215 - ADIDAS INT MARKETING BV [NL]
- DE 10244435 B4 20060216 - ADIDAS INT MARKETING BV [NL]
- US 2005150132 A1 20050714 - IANNAcone GAIL [US]
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- DE 102011108744 A1 20130131 - PUMA SE [DE]
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- US 2011047720 A1 20110303 - MARANAN ESTELLE A [US], et al
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Citation (search report)

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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)

DE 102013202353 A1 20140814; **DE 102013202353 B4 20200220**; DE 202014010460 U1 20150812; EP 2845504 A1 20150311; EP 2845504 B1 20180815; EP 3466291 A1 20190410; EP 3466291 B1 20201111; EP 3804551 A1 20210414; JP 2017185287 A 20171012; JP 2019081036 A 20190530; JP 2020146530 A 20200917; JP 6491697 B2 20190327; JP 6718533 B2 20200708; JP 6974540 B2 20211201

DOCDB simple family (application)

DE 102013202353 A 20130213; DE 202014010460 U 20140128; EP 14152908 A 20140128; EP 18181579 A 20140128; EP 20206640 A 20140128; JP 2017122951 A 20170623; JP 2019037072 A 20190301; JP 2020101976 A 20200612