

Title (en)

Shoe sole with improved muscular unconscious body response

Title (de)

Schuhsohle mit verbessertem muskularem unbewusstem Körperansprechverhalten

Title (fr)

Semelle de chaussure à réponse musculaire inconsciente du corps améliorée

Publication

**EP 2380451 A1 20111026 (EN)**

Application

**EP 11163210 A 20110420**

Priority

IT TV20100067 A 20100426

Abstract (en)

To improve the muscular unconscious body response to a shoe, a sole is proposed having a sandwich structure comprising - a base element (22;50) acting as a support for the foot and which can be connected to a portion of upper or midsole, - one or more inserts (24,26,28,30;52;84) coupled to the base element so as to project from the surface of the base element. - a contact element with the ground (32;54;82) coupled to one or more inserts so as to cover it /them, where each insert is sufficiently deformable to (ii) allow small oscillations of the contact element with the ground in relation to the base element along a plane (D,G;D2,D3) substantially parallel to the plane the latter is lying on, and (ii) allow small oscillations of the contact element with the ground in relation to the base element along a directrix orthogonal to the latter.

IPC 8 full level

**A43B 7/14** (2006.01); **A43B 13/12** (2006.01); **A43B 13/18** (2006.01); **A43B 13/22** (2006.01)

CPC (source: EP)

**A43B 7/1425** (2013.01); **A43B 7/144** (2013.01); **A43B 7/1445** (2013.01); **A43B 7/145** (2013.01); **A43B 13/122** (2013.01); **A43B 13/188** (2013.01); **A43B 13/223** (2013.01)

Citation (applicant)

EP 1015280 A1 20000705 - VISTEON SYSTEMES INTERIEURS [FR]

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)

**EP 2380451 A1 20111026**; IT TV20100067 A1 20111027

DOCDB simple family (application)

**EP 11163210 A 20110420**; IT TV20100067 A 20100426