

Title (en)

IMPROVEMENTS IN OR RELATING TO FOOTWEAR

Title (de)

VERBESSERUNGEN AN ODER IM ZUSAMMENHANG MIT SCHUHEN

Title (fr)

PERFECTIONNEMENTS APPORTÉS OU SE RAPPORTANT À UN ARTICLE CHAUSSANT

Publication

EP 3082488 A2 20161026 (EN)

Application

EP 14864983 A 20141219

Priority

- GB 201322629 A 20131219
- GB 201412185 A 20140709
- GB 2014000523 W 20141219

Abstract (en)

[origin: GB2521494A] A shoe insole comprising a first layer 22 in the heel section providing lift, a second layer 24 extending from the heel section to the ball of the foot, an edge of the second layer following an angle subtended by the phalanges, and a third layer 26 overlying the first and second layers providing the only support for the phalanges. The first layer is preferably manufactured from a foam with an Asker hardness of 40-50. The second layer is formed from a foam having an Asker hardness of 20-30 and the third layer from a foam with a hardness of 60-90. The first layer is preferably chamfered. The layers may be formed from polyurethane and rubber foam. The third layer may comprise a laminated foam.

IPC 8 full level

A43B 7/14 (2006.01); **A43B 7/16** (2006.01); **A43B 17/00** (2006.01); **A43B 17/02** (2006.01)

CPC (source: EP GB)

A43B 7/141 (2013.01 - EP); **A43B 7/144** (2013.01 - EP); **A43B 7/16** (2013.01 - EP GB); **A43B 17/006** (2013.01 - EP); **A43B 17/023** (2013.01 - EP); **A43B 17/14** (2013.01 - GB)

Citation (search report)

See references of WO 2015092352A2

Cited by

CN109619763A; WO2021005253A1

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)

GB 201412185 D0 20140820; **GB 2521494 A 20150624**; **GB 2521494 B 20160323**; DK 3082488 T3 20181022; EP 3082488 A2 20161026; EP 3082488 B1 20180711; ES 2690387 T3 20181120; GB 201322629 D0 20140205; PT 3082488 T 20181106; WO 2015092352 A2 20150625; WO 2015092352 A3 20150813

DOCDB simple family (application)

GB 201412185 A 20140709; DK 14864983 T 20141219; EP 14864983 A 20141219; ES 14864983 T 20141219; GB 201322629 A 20131219; GB 2014000523 W 20141219; PT 14864983 T 20141219