

Title (en)

FOOTWEAR SOLE STRUCTURE WITH SUSPENDED ELASTOMERIC WEB OR MESH SUPPORT

Title (de)

SCHUHSOHLENSTRUKTUR MIT AUFGEHÄNGTEM ELASTOMEREM NETZ- ODER GITTERTRÄGER

Title (fr)

STRUCTURE DE SEMELLE DE CHAUSSURE À BANDE OU MAILLAGE ÉLASTOMÈRE SUSPENDU FORMANT SUPPORT

Publication

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Application

EP 13850341 A 20131030

Priority

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- AU 2013902424 A 20130701
- AU 2013001256 W 20131030

Abstract (en)

[origin: WO2014066940A1] A footwear sole structure has a suspended elastomer web or mesh (1) support for a foot of a wearer of the footwear. A gap or space under the web/mesh allows it to flex down e.g. towards the outsole (3) or the ground. The web or mesh can be secured to a peripheral portion of the sole base by projections or loops (5) on the web or mesh. The web or mesh can be a one piece or multi part moulded component. The web or mesh can provide a peripheral zone around a central zone. The central body (2) can be a moulding incorporating a front strap pair (6) and rear strap pair (7) folded up into a wearing position and lugs (8), and have a higher density elastomer sole that fits up and is bonded into a matching lip in the base of the central body (2) and the elastomer web or mesh (1) fits down over the central body (2) such that the loops (5) stretch around corresponding lugs (8) on the central body (2) and the web or mesh (1) is largely held in pre-tension via the strength of the sole supports and there is still space between the web or mesh 1 and the sole for the web/mesh (1) to flex down into via weight of foot.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] US 5852886 A 19981229 - SLEPIAN NEIL [US], et al
- [X] GB 2243530 A 19911106 - GOLA GROUP PLC [GB]
- [X] US 6601321 B1 20030805 - KENDALL MICHAEL [US]
- See references of WO 2014066940A1

Designated contracting state (EPC)

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