

Title (en)

A FOOTWEAR WITH CUSTOMIZED ARCH-SUPPORT MIDSOLE AND INSOLE, AND A METHOD OF SHOE MAKING

Title (de)

SCHUHWERK MIT MASSGESCHNEIDERTER GEWÖLBESTÜTZENDER MITTELSOLE UND EINLAGE UND VERFAHREN ZUR SCHUHHHERSTELLUNG

Title (fr)

CHAUSSURE DOTÉE D'UNE SEMELLE INTERCALAIRE ET D'UNE SEMELLE INTÉRIEURE PERSONNALISÉES DE SOUTIEN DE LA VOÛTE PLANTAIRE, ET PROCÉDÉ DE FABRICATION DE CHAUSSURES

Publication

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Application

**EP 17725353 A 20170417**

Priority

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- IB 2017052184 W 20170417

Abstract (en)

[origin: WO2017182930A2] A footwear with arch-support insole (6) and midsole (7) is the output of a shoe-making method comprising the step of: 1. Scanning a wearer's foot using a 3D scanner; 2. Generating an appropriate foot profile data using a proprietary software programme, in terms of shape, abnormality, foot print contours and pressure or bunion points; 3. Rectifying and fine-tuning the foot profile data to a normalized angle and state; 4. Designing and aligning an insole layer (6) with lateral curved extension (10) disposed on its inside and at its mid-section, a midsole layer (7) with a lateral curved extension (10) disposed on its inside and at its mid-section, protruded contour profiles (11, 12, 13) on the top surface of the insole layer (6), and an outsole layer (5), all using a computer-aided design software programme, and sending the above foot profile data to a 3D printer; 5. Printouting and hermetically bonding the above layers (6, 7, 5); 6. Customerization and touch-up with an upper (2) and accessories to manufacture an integral footwear.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2017182930A2

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