

Title (en)

SHOE INSERT, METHOD FOR PRODUCING A SHOE INSERT OF THIS TYPE, USE OF A SHOE INSERT OF THIS TYPE, AND SHOE

Title (de)

SCHUHEINLAGE, VERFAHREN ZUR HERSTELLUNG EINER DERARTIGEN SCHUHEINLAGE, VERWENDUNG EINER DERARTIGEN SCHUHEINLAGE UND SCHUH

Title (fr)

INSERT DE CHAUSSURE, PROCÉDÉ DE FABRICATION D'UN TEL INSERT DE CHAUSSURE, UTILISATION D'UN TEL INSERT DE CHAUSSURE ET CHAUSSURE

Publication

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Application

EP 15716042 A 20150413

Priority

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Abstract (en)

[origin: WO2016165734A1] The invention relates to a shoe insert (10) comprising a spring steel plate (18) which extends substantially over the entire length of the shoe insert (10) and has a transverse profile (32) at least in sections in the longitudinal direction (L) of the shoe insert (10) such that the spring steel plate (18) is rigid in the profile longitudinal direction (Q) yet is flexible in the profile transverse direction (transverse to Q), and which elastically resets after loading, and comprising a plastic layer (20) in which the spring steel plate (18) is embedded. According to the invention, the plastic layer (20) is formed from a closed-pore foam with a Shore A hardness between approximately 5 and approximately 25, preferably between approximately 10 and approximately 15, which fills in the entire transverse profile (32) of the spring steel plate (18) both on the upper side thereof as well as on the under side thereof, and adheres to the spring steel plate.

IPC 8 full level

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CPC (source: EP)

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