

Title (en)

MULTI-LAYER INSOLE CONTAINING ACTIVATED CARBON, METHOD OF ITS PRODUCTION AND SHOES PROVIDED WITH THIS INSOLE

Title (de)

MEHRLAGIGE EINLEGESOHLE MIT AKTIVKOHLE, VERFAHREN ZU DEREN HERSTELLUNG UND MIT DIESER SOHLE AUSGESTATTETER SCHUH

Title (fr)

SEMELLE INTÉRIEURE MULTICOUCHE CONTENANT DU CHARBON ACTIF, SON PROCÉDÉ DE FABRICATION ET CHAUSSURES DOTÉES DE CETTE SEMELLE INTÉRIEURE

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Application

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Abstract (en)

[origin: WO2017157357A2] The invention relates to a multilayer insole with activated carbon, which comprises a supporting layer (1), an active layer (4) with activated carbon and an upper layer (5). Above the supporting layer (1) formed by pressing a mixture of crushed cork and a binder together is arranged at least one damping layer (2), on whose upper side is arranged a intermediate cork layer (3) to form a thermal bridge between the user's foot and the bottom layers of the insole, above the intermediate cork layer (3) is arranged an active layer (4), which is on its upper side covered by an upper layer (5), which is permeable to vapour and liquid moisture, whereby all the layers of the insole are joined together and the insole has spatial shaping, which on its upper side corresponds to the shape of the impression of the lower part of the human foot with planar toe section, with a recess for the big toe joint and a recess for the heel, and which on the bottom part of the insole corresponds to the shape of the lower part of the human foot with planar toe section The invention also relates to a method of producing this insole and footwear provided with the insole according to the invention.

IPC 8 full level

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