

Title (en)

SOUND-PROOFING UTILITY, ESPECIALLY A SOUND-ATTENUATING UNIT

Title (de)

SCHALLDÄMMENDE EINRICHTUNG, INSBESONDERE EINE SCHALLDÄMPFENDE EINHEIT

Title (fr)

FONCTIONNALITÉ D'INSONORISATION, EN PARTICULIER UNE UNITÉ D'ATTÉNUATION ACOUSTIQUE

Publication

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Application

EP 16169249 A 20160511

Priority

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Abstract (en)

[origin: EP3093391A1] The invention relates to a sound-proofing utility configured to limit, at least for a determined frequency range, the lateral emission of airborne sound caused by motorized road traffic, the sound-proofing utility comprising a plate with an acoustically hard outer surface, wherein the plate comprises at least one sound-absorbing side, wherein the sound-absorbing side has a plurality of elongate cavity structures arranged in the plate and debouching at the hard outer surface, and with resonance frequencies in the determined frequency range, for at least partially absorbing the sound incident on the sound-absorbing side. The invention also relates to a travel surface, such as a railway or motorway, provided with such a sound-proofing utility.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN115234739A; CN114808779A; CN114502799A; US2021372060A1; US12006643B2

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DOCDB simple family (publication)

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