

Title (en)

Acoustic protection shield for a motor vehicle

Title (de)

Akustischer Schutzschirm für Kraftfahrzeug

Title (fr)

Ecran de protection acoustique pour véhicule automobile

Publication

EP 2549474 B1 20160413 (FR)

Application

EP 12176964 A 20120718

Priority

FR 1156510 A 20110718

Abstract (en)

[origin: EP2549474A1] The shield (1) has a flexible absorption layer (2) including a porous matrix containing flakes (3) of flexible foam, where the flakes are attached to one another by a binder. A set of dispersed particles (4) of dense material is arranged in the binder. A web (6) of porous material is utilized for limiting penetration of foam based on non-woven layers arranged between a spring (5) and the absorption layer, where the shield has absorption properties that are conferred by a layer of non-impregnated foam.

IPC 8 full level

G10K 11/168 (2006.01)

CPC (source: EP)

G10K 11/168 (2013.01)

Cited by

JP2019522586A; FR3010958A1; FR3049752A1; CN109313885A; FR3068288A1; US11628603B2; US10909960B2; FR3088235A1; WO2017174913A1; WO2018002457A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2549474 A1 20130123; EP 2549474 B1 20160413; ES 2582080 T3 20160909; FR 2978288 A1 20130125; FR 2978288 B1 20130830

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