

Title (en)

SOUND ABSORBER COMPRISING TWO PARTS DELIMITING A HOLLOW SPACE

Title (de)

SCHALL-ABSORBER MIT ZWEI TEILEN, DIE EINEN HOHLRAUM BEGRENZEN

Title (fr)

ISOLANT ACOUSTIQUE COMPRENANT DEUX PIECES QUI DEFINISSENT UNE CAVITE

Publication

EP 1516318 A1 20050323 (DE)

Application

EP 03740341 A 20030625

Priority

- DE 10228395 A 20020625
- EP 0306713 W 20030625

Abstract (en)

[origin: DE10228395C1] The acoustic insulation, to absorb noise and especially in motor vehicles, has a shaped body (1) of a thermoplastic material and at least one further component (2) which defines a hollow zone (7) with the body. The second component is a heavy layer, a nonwoven and/or an acoustic textile fabric. A number of pins or spikes at the body project into the hollow zone to form spacers (4) against the second part. The outer surface of the body has a number of depressions (6), each extending into a spacer. The body is shaped by deep drawing a thermoplastic film, with a mounting flange (3) around it, to give a cassette structure..

IPC 1-7

G10K 11/172

IPC 8 full level

B32B 3/26 (2006.01); **G10K 11/16** (2006.01); **G10K 11/162** (2006.01); **G10K 11/172** (2006.01)

CPC (source: EP US)

G10K 11/172 (2013.01 - EP US)

Citation (search report)

See references of WO 2004001718A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 10228395 C1 20031204; AU 2003278247 A1 20040106; BR 0312049 A 20070529; CN 1662953 A 20050831; EP 1516318 A1 20050323; JP 2005531022 A 20051013; MX PA04012835 A 20050331; US 2005241877 A1 20051103; WO 2004001718 A1 20031231; ZA 200410073 B 20061025

DOCDB simple family (application)

DE 10228395 A 20020625; AU 2003278247 A 20030625; BR 0312049 A 20030625; CN 03814860 A 20030625; EP 0306713 W 20030625; EP 03740341 A 20030625; JP 2004514861 A 20030625; MX PA04012835 A 20030625; US 51926505 A 20050630; ZA 200410073 A 20041214