

Title (en)
ACOUSTIC ABSORBER

Title (de)
SCHALLABSORBER

Title (fr)
ABSORBEUR ACOUSTIQUE

Publication
EP 2631449 A1 20130828 (DE)

Application
EP 12001189 A 20120222

Priority
EP 12001189 A 20120222

Abstract (en)
The sound absorber has a perforated film (1) made from metal, where the perforated film is provided with a perforation. The film has holes (3) of the perforation with a hole diameter (d) between 0.5 millimeter and 1 millimeter. The hole diameter of the perforation is constant. The perforation is formed in grid shape, particularly in regular grid shape. The film is composed of multiple partial films that are welded or seamed with each other. An insulating body has woven fabric with fibers such as silica fibers, glass fibers or ceramic fibers. An independent claim is included for a method for manufacturing a sound absorber for absorption of sound of a combustion engine.

Abstract (de)
Schallabsorber zur Absorption von Schall, insbesondere für einen Verbrennungsmotor, umfassend eine perforierte Folie, vorzugsweise aus Metall, mit einer Perforation mit einem Lochanteil von 0.5 - 5 %, vorzugsweise von 3 - 5 %.

IPC 8 full level
F02B 77/11 (2006.01); **F02B 77/13** (2006.01); **F02M 35/12** (2006.01)

CPC (source: EP)
F02B 77/13 (2013.01); **F02M 35/1216** (2013.01)

Citation (search report)
• [XY] DE 19818873 A1 19991111 - MAN B & W DIESEL AG [DE]
• [XA] WO 2004045843 A2 20040603 - CARCOUSTICS TECH CT GMBH [DE], et al
• [XA] WO 03021096 A1 20030313 - HP CHEM PELZER RES & DEV LTD [IE], et al
• [YA] WO 0046493 A1 20000810 - RIETER AUTOMOTIVE INT AG [CH], et al
• [YA] WO 2008141380 A1 20081127 - BELLMAX ACOUSTIC PTY LTD [AU], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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