

Title (en)
METHOD FOR PRODUCING A NOISE INSULATION PIECE

Title (de)
VERFAHREN ZUM HERSTELLEN EINES SCHALLISOLATIONSTEIL

Title (fr)
PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT D'INSONORISATION

Publication
EP 1986888 A1 20081105 (DE)

Application
EP 07703506 A 20070216

Priority
• EP 2007001375 W 20070216
• DE 102006007784 A 20060220

Abstract (en)
[origin: DE102006007784A1] In a process to manufacture automotive floorpan sound insulation with or without a carpet (1), a base-mass floor covering layer (1) is placed on top of a layer of deep drawn thermoplastic granules (3). Following the deep drawing process, the combined (4) weight of floor covering and granules reaches a pre-determined mass value. Prior to the deep drawing process, the granules are heated to effect a bond with the base-mass layer. The granules and base-mass materials are both thermoplastics with about the same melting point. The granules have spring-like characteristics. The density of the granular layer varies locally in accordance with the sound muffling characteristics required. The granules and bass-mass are joined by sintering.

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B60R 13/08 (2006.01)

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Citation (search report)
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