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(54) **Improvements in or Relating to Vehicle Noise**

(57) A device (1) for amplifying the suction noise of a vehicle is disclosed. The device (1) comprises an intake duct (10), a connecting pipe (12) and a composite membrane (16). The intake duct (10) is for feeding air to an engine intake port. A connecting pipe (12) is connected to an interior of the intake duct (10). The composite mem-

brane (16) is positioned within the connecting pipe (12). The composite member (16) blocks an interior passage formed in the connecting pipe (12). The composite member (16) further includes at least two elastic membranes with one of masses and rigidities that different from each other. A method is also disclosed.

FIG. 1A

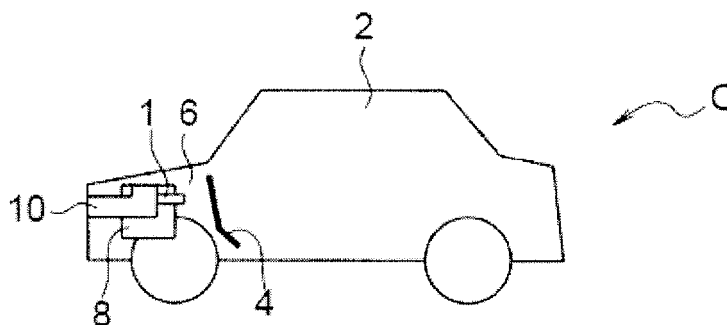


FIG. 1B

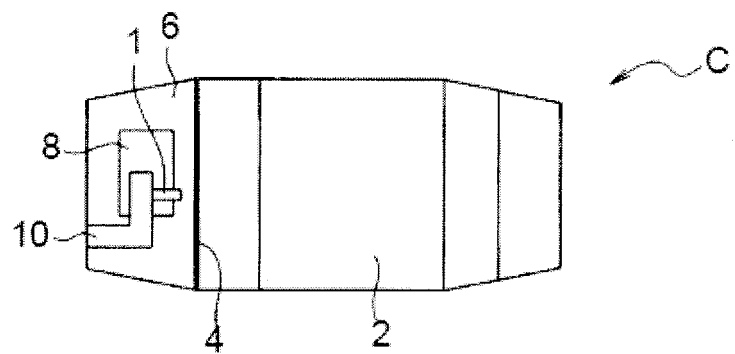
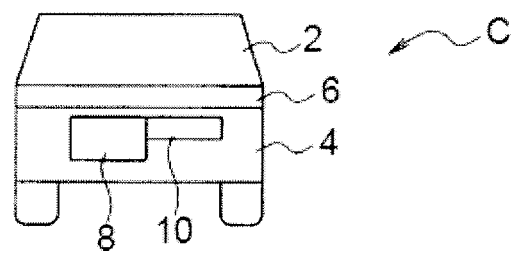


FIG. 1C





EUROPEAN SEARCH REPORT

Application Number
EP 07 10 9532

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Place of search Munich		Date of completion of the search 14 November 2008	Examiner Payr, Matthias
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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