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(11) **EP 1 659 044 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
07.06.2006 Bulletin 2006/23

(51) Int Cl.:
B61D 17/18 (2006.01)

(43) Date of publication A2:
24.05.2006 Bulletin 2006/21

(21) Application number: **05256530.6**

(22) Date of filing: **21.10.2005**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI
SK TR**
Designated Extension States:
AL BA HR MK YU

(30) Priority: **27.10.2004 JP 2004311686**

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(54) **Sound insulation members of a railroad vehicle, and production methods of sound insulation members**

(57) The invention provides sound insulation members having enhanced sound insulating properties without increasing the thickness of the sound insulation members. The object is achieved by a sound insulation member having disposed inside a pouch-shaped film (1) with a resin coating a flat sound absorption material (2) formed of foamed porous material or fiber material and having its inner space communicated, and filling a filler gas (3) having a sound impedance that differs from air. Accord-

ing to the present invention, since the present sound insulation member is filled with gas having sound impedance that differs from air, the present sound insulation member has superior sound insulating properties since it reflects sound on the sealed surface and also absorbs the sound by the sound absorption material disposed therein.

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EUROPEAN SEARCH REPORT

Application Number
EP 05 25 6530

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Place of search Munich		Date of completion of the search 29 March 2006	Examiner Ferranti, M
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EPO FORM 1503 03.82 (P04C01)

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