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(54) **Sound-absorbing element for noise abatement barriers**

(57) A sound-absorbing element for noise abatement barriers comprising a sheet (2) with a first portion (3) and a second portion (4) lying one over the other, a plurality of tubular cavities (5) in said second portion (4) being arranged along at least one axis (X) substantially parallel to a plane (G) on which the element lies, at least one side

of the sheet perpendicular to said axis (X) being shaped so that between two elements placed side by side along the axis (X) there is a chamber (7) designed to receive a portion of the sound waves coming to bear on the surface, such that said waves are able to spread through said tubular cavities (5).

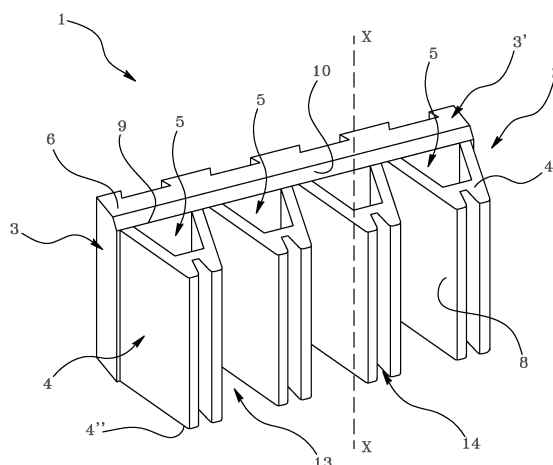


Fig. 1



EUROPEAN SEARCH REPORT

 Application Number
 EP 12 18 4053

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			E01F
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		15 June 2015	Tran, Kim Lien
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			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 12 18 4053

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The members are as contained in the European Patent Office EDP file on
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82