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(54) **Soundproofing panel made of FRP (Fiber-Reinforced Polymer) composite with a sound-absorbing surface characterized by parallel longitudinal strips**

(57) The invention is a new soundproofing panel made of composite material, suitable for installation along railways and/or roads, comprising a box structure whose side facing the source of the noise is covered with suitably-spaced staves. The new soundproofing

panel comprises an FRP box structure (S1, S2), a layer of sound-absorbing material (F), spacers (D), and parallel staves with an arched T-shaped cross-section; these staves (T) are preferably arranged alternately, i. e. so that each stave (T) has its cross-section inverted with respect to the two staves (T) on either side.

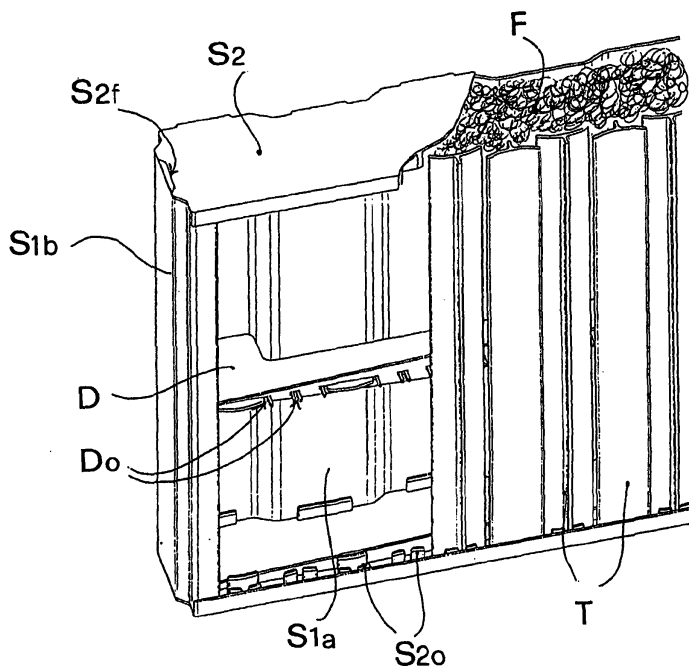


Fig. 1



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EUROPEAN SEARCH REPORT

Application Number
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Place of search MUNICH		Date of completion of the search 18 December 2003	Examiner Rosborough, J
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