Title (en)
A SYSTEM AND METHOD FOR INTEGRATING TRANSDUCERS INTO BODY SUPPORT STRUCTURES

Title (de)
SYSTEM UND VERFAHREN ZUM INTEGRIEREN VON WANDLERN IN KÖRPERTRÄGERSTRUKTUREN

Title (fr)
SYSTEME ET PROCEDE D'INTEGRATION DE TRANSDUCTEURS DANS DES STRUCTURES DE SOUTIEN DU CORPS

Publication
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Application
EP 06801218 A 20060809

Priority
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Abstract (en)

[origin: WO2007019580A2] Transducers and resonators [110] are embedded in body support structures [104] in contact with a user to for the purpose of conveying musical sound energy to a user's body at selected frequencies and in selected patterns. Body support structures [104] comprise beds, pillows, chairs, and other structures typically used to support people. The sound may be audio tones and/or music. The transducers and resonators [110] may be incorporated into a foam component [310] or in a coil spring component [802] of the body support structure [104]. Latex-type foams and beds made with springs are candidate body support structures [104] for receiving transducer's and resonators [110]. Electro-active polymers [1110] are also used as transducers [1100].

IPC 8 full level
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