

Title (en)  
SYSTEM AND METHOD FOR GENERATING AND TRANSMITTING HARMONIC VIBRATIONS

Title (de)  
SYSTEM UND VERFAHREN ZUR ERZEUGUNG UND ÜBERTRAGUNG VON HARMONISCHEN SCHWINGUNGEN

Title (fr)  
SYSTEME ET METHODE POUR GENERER ET TRANSMETTRE DES VIBRATIONS HARMONIQUES

Publication  
**EP 4312438 A1 20240131 (EN)**

Application  
**EP 23187839 A 20230726**

Priority  
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Abstract (en)  
System (100) for generating and transmitting vibrations comprising a sound waves source (10) which emits an audio signal at a determined frequency and a transducer (20) operatively connected to the sound waves source (10). The transducer (20) converts the audio signal emitted by the sound waves source into harmonic vibrations. The system (100) comprises, furthermore, a body for propagating vibrations (5) having an elongated geometry, which protrudes along a vertical direction (105) for propagating the harmonic vibrations along determined directions. A transmission device (30) is, furthermore, provided for transmitting the harmonic vibrations produced by the transducer (20) to the body for propagating vibrations (5). The vibration transmission device (30) comprises a receiving portion (35) integral to the transducer (20) and an engagement portion (40) for removably engaging from above with the body for propagating vibrations (5) at respective contact surfaces (36,6) [Fig. 1].

IPC 8 full level  
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Citation (applicant)  
• EP 1827351 A1 20070905 - DELLA RAGIONE RICCARDO [IT], et al  
• FR 2307424 A1 19761105 - BODYSONIC KK [JP]  
• WO 2007103325 A2 20070913 - TACTILE SOUND SYSTEMS INC [US], et al  
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• WO 0183024 A2 20011108 - GEORGIA TECH RES INST [US]  
• EP 0488338 A1 19920603 - BODYSONIC KK [JP]  
• GB 2455980 A 20090701 - TRIGONOM LTD [GB]

Citation (search report)  
• [X] FR 2307424 A1 19761105 - BODYSONIC KK [JP]  
• [X] WO 2007103325 A2 20070913 - TACTILE SOUND SYSTEMS INC [US], et al  
• [X] US 2017173481 A1 20170622 - NIELSEN PETER MICHAEL [DK], et al  
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• [X] GB 2455980 A 20090701 - TRIGONOM LTD [GB]

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