

Title (en)

BONE CONDUCTION MOUNT STRUCTURE FOR CONTROLLING VIBRATION MAGNITUDE BY CONTROLLING SUPPORT POSITION OF ACTUATOR AND METHOD OF DESIGNING MOUNT MODULE

Title (de)

KNOCHENLEITUNGSHALTERSTRUKTUR ZUR STEUERUNG DER VIBRATIONSGRÖSSE DURCH STEUERUNG DER STÜTZPOSITION DES AKTUATORS UND VERFAHREN ZUM ENTWERFEN DES MONTAGEMODULS

Title (fr)

STRUCTURE DE MONTAGE DE CONDUCTION OSSEUSE POUR COMMANDER L'AMPLITUDE DES VIBRATIONS EN RÉGLANT LA POSITION DE SUPPORT D'UN ACTIONNEUR ET PROCÉDÉ DE CONCEPTION D'UN MODULE DE MONTAGE

Publication

EP 3739902 A1 20201118 (EN)

Application

EP 19188975 A 20190730

Priority

KR 20190058075 A 20190517

Abstract (en)

The present invention relate to a bone conduction mount structure that minimizes rotational components due to vibration of an actuator by adjusting a support position of the actuator by a support mount, in which the actuator and the support mount are used for a bone conduction device. The bone conduction mount structure includes: an actuator disposed in a user's bone direction and generating and transmitting vibration to the bone; and a support mount disposed to surround a portion of an outer side of the actuator, supporting the actuator, and being able to be fixed to a structural member, in which when the actuator is inserted into the support mount by external force, a difference between a center of gravity and a rotational center of the actuator decreases.

IPC 8 full level

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CPC (source: EP KR)

H04R 1/2896 (2013.01 - EP); **H04R 11/02** (2013.01 - KR); **H04R 1/023** (2013.01 - EP); **H04R 2460/13** (2013.01 - EP KR)

Citation (applicant)

- KR 20170061188 A 20170602 - SHENZHEN VOXTECH CO LTD [CN]
- KR 101603983 B1 20160317 - YEIL ELECTRONICS CO LTD [KR]

Citation (search report)

- [A] KR 101970518 B1 20190419 - MIN DONG HOON [KR]
- [A] US 2014336449 A1 20141113 - WACKYM PHILLIP ASHLEY [US], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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