

A DEVICE WITH A MUSIC FILTERING SYSTEM



Description of the invention

The invention, pertains to a hearing device equipped with a method for sound isolation and noise control, specifically designed to filter certain types of sounds such as music.



Applicant AiHear Teknoloji A.Ş.



Inventor Sebahattin Ünlü

Country	Application Number	Status
Türkiye	2024/000337	Searching

Advantages

- Features the ability to recognize music and apply music-specific filtering
- Distinguishes between music and speech sounds, eliminating sound differentiation issues for users.
- Enhances speech sounds, allowing users to maintain healthy communication and socialization

Market Information

The global audio devices market size was estimated at USD 23.24 billion in 2023. The hearing aid market size is projected to reach USD 10.2 billion by 2026, with a CAGR of 6.4%. The invention's relevance to the hearing aid market indicates its appeal to a broad market. Growth dynamics are influenced by the aging population, the increasing prevalence of hearing loss, and noise-induced hearing loss.

Application Areas

The device is suitable for all individuals with hearing impairments or loss. The sale of this device can be conducted at Hearing Aid Sales and Application Centers approved by the Ministry of Health.



Target Audience

Companies operating under the specified NACE Codes can be identified as the target audience.



Nace Code

32.50.10

Activity

Manufacture of medical, surgical, or laboratory sterilization instruments

Commercialization Expectation

Technology transfer through patent licensing or assignment to the targeted companies is planned. The technology transfer will be supported by industry-to-industry collaboration projects. If it reaches the positive examination report stage, it will be eligible for the TÜBİTAK 1702 Patent-Based Technology Transfer Support Call.

Contact

+90 212 691 60 01
kulucka@entertech.com.tr

