

Electrostatic Sound Wave Generation Device

New speaker MEMS structure improves anti-dust, anti-water, power consumption and audio quality

Overview

Traditional electrostatic speaker has remaining technological issues such as dust, water and humidity coming into the device from implemented holes on the electrodes.

In this invention, unique structure with single open hole is hired to transducer part to solve technical issues above.

This technology could be applicable to condenser type speaker products.

Technical issues solved by this Invention

- Dust, water form poles on static electrode
- Poles on static electrode decrease electric efficiency
- Poles on static electrode harms audio quality

Advantages

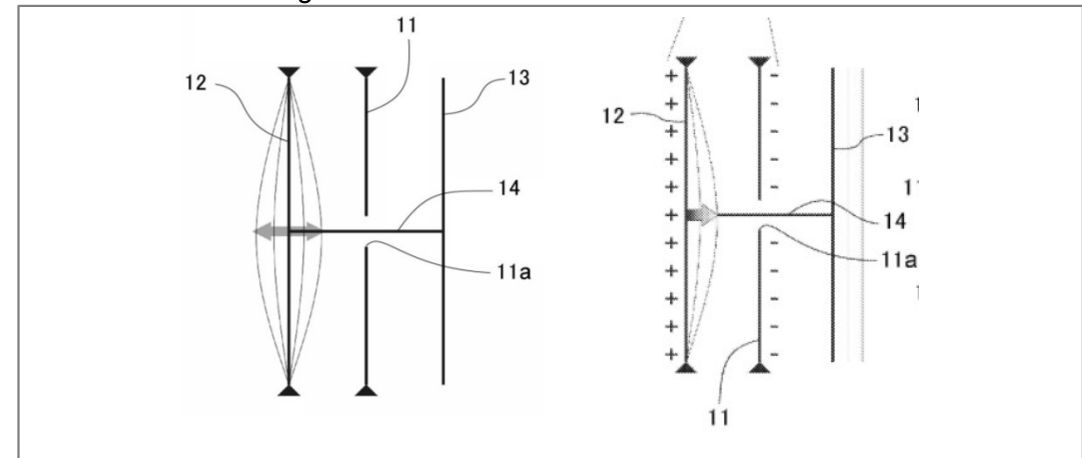
- durability
- power consumption
- audio quality

IP Information

Patent Info. : WO2020/174524
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Decreased pole on static electrode by hiring single open pole

Fig. New MEMS structure of this invention



Possible Applications

Electrostatic speaker, headphone, hearing aid

Contact

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