

LOUDSPEAKER MODULE AND VEHICLE

ABSTRACT

This application provides a loudspeaker module (10) and a vehicle. The loudspeaker module (10) includes a loudspeaker unit (300) and a frame body (200). The loudspeaker unit (300) is disposed in the frame body (200) and fastened to the frame body (200) through a first mounting surface (310). The loudspeaker unit (300) includes a diaphragm (302). The diaphragm (302) is disposed around the inside of the loudspeaker unit (300). The frame body (200) and a side that is of the diaphragm (302) and that is close to the first mounting surface (310) form a first cavity (240). An included angle between a sound output direction of the first cavity (240) and a plane on which the first mounting surface (310) is located ranges from -30° to 30° . An outer circumference of the frame body (200) includes a second mounting surface (211), configured to fasten the loudspeaker module (10) to a preset mounting position. A main plane of the second mounting surface (211) is parallel to a main plane of the preset mounting position. An included angle between an axial direction of the loudspeaker unit (300) and a main plane of the second mounting surface (211) ranges from -30° to 30° . According to the loudspeaker module (10) and the vehicle provided in embodiments of this application, vibration generated at and near the mounting position of the loudspeaker module (10) during operation of the loudspeaker module (10) can be effectively reduced, and sound quality of the loudspeaker module (10) can be improved.

(FIG.1)