

Title (en)

SOUND STRUCTURE FOR A REFRIGERATOR AND A REFRIGERATOR COMPRISING IT

Title (de)

GERÄUSCHANORDNUNG FÜR EINEN KÜHLSCHRANK UND EIN KÜHLSCHRANK DAMIT

Title (fr)

STRUCTURE SONORE POUR UN RÉFRIGÉRATEUR ET UN RÉFRIGÉRATEUR LA COMPRENANT

Publication

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Application

**EP 16901558 A 20161230**

Priority

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- CN 2016113924 W 20161230

Abstract (en)

[origin: EP3441702A1] An anti-coupling sound structure (100) for a refrigerator and a refrigerator. Said anti-coupling sound structure (100) comprises: a mounting panel (1) for connecting to a refrigerator door body (4) or a refrigerator body (5), the mounting panel (1) being provided with several through holes (11); and a sound body (2) provided on one side of the back face of the mounting panel (1) and separated, by a gap (6), from the back face of the mounting plate (1), the gap (6) being provided therein with an enclosing portion (3). Said anti-coupling sound structure (100) separates the sound body (2) and the mounting panel (1) from each other, such that the refrigerator is less prone to electrostatic coupling in an electromagnetic compatibility experiment, helping to ensure experiment precision and avoiding the impact on sound quality due to the resonance of the sound body (2) in use with the mounting panel (1); moreover, the sound-converging effect of the enclosing portion (3) can improve the directivity of the sound generated by the sound body (2), achieving a better listening effect.

IPC 8 full level

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CPC (source: CN EP)

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Citation (examination)

- US 2016117022 A1 20160428 - KIM HYUNKI [KR], et al
- DE 102011007409 A1 20121018 - BSH BOSCH SIEMENS HAUSGERÄTE [DE]

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