

Title (en)

ACOUSTIC VIBRATION PLATE AND METHOD FOR MANUFACTURING ACOUSTIC VIBRATION PLATE

Title (de)

AKUSTISCHE VIBRATIONSPLATTE UND VERFAHREN FÜR DIE HERSTELLUNG EINER AKUSTISCHEN VIBRATIONSPLATTE

Title (fr)

PLAQUE DE VIBRATION ACOUSTIQUE ET PROCÉDÉ DE FABRICATION D'UNE PLAQUE DE VIBRATION ACOUSTIQUE

Publication

EP 4068803 A1 20221005 (EN)

Application

EP 20892453 A 20201113

Priority

- JP 2019213495 A 20191126
- JP 2020042412 W 20201113

Abstract (en)

An acoustic vibration plate 10 is provided with a metal foil 11 and a thermoplastic resin film 12 laminated on the metal foil 11. The ratio of a linear coefficient of expansion CTEZ in the thickness direction to a linear coefficient of expansion CTEX of the thermoplastic resin film 12, or CTEZ/CTEX, is 3.0 to 10.0 inclusive. The total of the basis weights of the metal foil 11 and the thermoplastic resin film 12 is 45 g/m² to 150 g/m² inclusive.

IPC 8 full level

H04R 7/02 (2006.01); **H04R 31/00** (2006.01)

CPC (source: EP)

H04R 7/10 (2013.01); **H04R 31/003** (2013.01); **H04R 7/02** (2013.01); **H04R 2307/025** (2013.01); **H04R 2307/027** (2013.01)

Citation (applicant)

- JP 3911935 B2 20070509
- JP 2001270033 A 20011002 - UBE INDUSTRIES
- See also references of WO 2021106628A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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EP 20892453 A 20201113; CN 202080081492 A 20201113; JP 2019213495 A 20191126; JP 2020042412 W 20201113