

Title (en)
POROUS ACOUSTIC PHASE MASK

Title (de)
PORÖSE AKUSTISCHE PHASENMASKE

Title (fr)
MASQUE DE PHASE ACOUSTIQUE POREUX

Publication
EP 3769302 A1 20210127 (FR)

Application
EP 19712210 A 20190325

Priority
• FR 1852569 A 20180323
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Abstract (en)
[origin: WO2019180270A1] The invention relates to an acoustic phase mask, the phase mask having a variation of the acoustic index n , characterized in that the phase mask comprises a body comprising: - at least one matrix formed by a deformable solid material, having a shear modulus of less than 10 MPa, and - pores formed in the matrix, the pores being predominantly filled with gas, the deformable solid material extending between the pores, the body having a porosity ϕ of less than or equal to 50%, and a controlled porosity ϕ gradient leading to a variation of the acoustic index n spatially in the body.

IPC 8 full level
G10K 11/165 (2006.01); **B01J 2/06** (2006.01)

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Citation (search report)
See references of WO 2019180270A1

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