

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  
• EP 2019057427 W 20190325

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  $\phi$  of less than or equal to 50%, and a controlled porosity  $\phi$  gradient leading to a variation of the acoustic index  $n$  spatially in the body.

IPC 8 full level  
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CPC (source: EP US)  
**C08J 9/0023** (2013.01 - US); **C08J 9/40** (2013.01 - US); **G10K 11/165** (2013.01 - EP); **G10K 11/30** (2013.01 - US); **C08J 2201/032** (2013.01 - US); **C08J 2201/036** (2013.01 - US); **C08J 2203/08** (2013.01 - US); **C08J 2203/202** (2013.01 - US); **C08J 2205/026** (2013.01 - US); **C08J 2205/048** (2013.01 - US); **C08J 2333/08** (2013.01 - US); **C08J 2383/04** (2013.01 - US)

Citation (search report)  
See references of WO 2019180270A1

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BA ME

DOCDB simple family (publication)  
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