

Title (en)
MICROMECHANICAL STRUCTURE, MICROMECHANICAL SYSTEM AND METHOD FOR PROVIDING A MICROMECHANICAL STRUCTURE

Title (de)
MIKROMECHANISCHE STRUKTUR, MIKROMECHANISCHES SYSTEM UND VERFAHREN ZUM BEREITSTELLEN EINER MIKROMECHANISCHEN STRUKTUR

Title (fr)
STRUCTURE MICROMÉCANIQUE, SYSTÈME MICROMÉCANIQUE ET PROCÉDÉ POUR FOURNIR UNE STRUCTURE MICROMÉCANIQUE

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Application
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Priority

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Abstract (en)
[origin: WO2020173919A2] A micromechanical device comprises a substrate, a movable element, which is arranged in a reference plane in an undeflected state, a gearing structure having a first gearing side, which is coupled to the substrate, and having a second gearing side, which is coupled to the movable element, and an actuator configured to provide a force along a force direction parallel to the reference plane and to apply it to the first gearing side. The gearing structure is configured to convert the force along the force direction into a movement of the movable element out of the reference plane.

IPC 8 full level
G02B 26/08 (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2020173919A2

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EP 2020054863 W 20200225; EP 2020055000 W 20200226; EP 20707087 A 20200225; EP 20713173 A 20200226; US 202117412104 A 20210825; US 202117459073 A 20210827