

Title (en)
ELECTROSTATIC MEMS ACTUATOR AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
ELEKTROSTATISCHER MEMS-AKTOR UND VERFAHREN ZUM HERSTELLEN DESSELBEN

Title (fr)
ACTIONNEUR MEMS ÉLECTROSTATIQUE ET PROCÉDÉ DE FABRICATION DE CELUI-CI

Publication
EP 3592694 A1 20200115 (DE)

Application
EP 18709000 A 20180305

Priority
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• EP 2018055349 W 20180305

Abstract (en)
[origin: WO2018162417A1] A MEMS comprises a substrate which has a cavity, and a movable element which is arranged in the cavity and comprises a first electrode, a second electrode and a third electrode which is arranged between the first and second electrodes and is fixed in position such that it is electrically insulated from said electrodes in discrete regions. The movable element is designed to execute a movement along a movement direction in a substrate plane in response to an electrical potential between the first electrode and the third electrode or in response to an electrical potential between the second electrode and the third electrode. A dimension of the third electrode perpendicular to the substrate plane is smaller than a dimension of the first electrode and a dimension of the second electrode perpendicular to the substrate plane.

IPC 8 full level
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Citation (search report)
See references of WO 2018162417A1

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