

Title (en)

DEVICE COMPRISING A VARIABLE-RIGIDITY MOBILE STRUCTURE PREFERABLY WITH ELECTROSTATIC CONTROL

Title (de)

EINRICHTUNG MIT EINER MOBILEN STRUKTUR MIT VARIABLER STARRHEIT, VORZUGSWEISE MIT ELEKTROSTATISCHER STEUERUNG

Title (fr)

DISPOSITIF COMPRENANT UNE STRUCTURE MOBILE A RIGIDITE VARIABLE, DE PREFERENCE A COMMANDE ELECTROSTATIQUE

Publication

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Application

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Abstract (en)

[origin: WO0250990A1] The invention concerns a variable-rigidity mobile structure, preferably with electrostatic control. The rigidity of the mobile structure (12) is modified during its displacement, so as to reduce the zone of electrical instability, to partly linearize the deformation curve and/or to increase the deformation amplitude for a minor control voltage increase. Therefor, it consists, for example, in using a fixed structure (12) having a surface (S) against which a flexible beam (22) of the mobile structure (12) is supported by at least one point (P).

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**H02N 1/00**

IPC 8 full level

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