

Title (en)

SHIELDING AGAINST EXTERNAL EXCITATIONS WHILE MEASURING OSCILLATORY SEMICONDUCTOR MEMBRANES

Title (de)

ABSCHIRMUNG ÄUSSERER ANREGUNGEN BEI DER VERMESSUNG SCHWINGUNGSFÄHIGER HALBLEITERMEMBRANEN

Title (fr)

PROTECTION CONTRE LES EXCITATIONS EXTERIEURES LORS DE LA MESURE DE MEMBRANES OSCILLANTES DE SEMICONDUCTEUR

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Application

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Abstract (en)

[origin: WO0120399A1] The invention relates to a method for optically measuring an oscillatory and preferably structured membrane (4) in an environment which is subjected to gas flows and/or acoustic excitations, and in which a device for measuring the membrane is focused on the same. The invention is characterized in that an optically transparent film is provided, and the film (5) and the membrane are arranged in such a manner that the gas flows and/or the acoustic excitations reach the membrane only by passing through the film. The film enables a diminishing of the external air movements and thus oscillations of the membrane so that the membrane can be precisely measured.

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