

Title (en)
DEFORMABLE MIRROR WITH A CELLULAR STRUCTURE

Title (de)
VERFORMBARER SPIEGEL MIT ZELLSTRUKTUR

Title (fr)
MIROIR DEFORMABLE A STRUCTURE ALVEOLAIRE

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Application
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Abstract (en)
[origin: WO2010146256A1] The invention relates to a deformable mirror comprising a substrate (10) with a cellular structure provided with a reflective surface (14) and a set of actuators (20) arranged for inducing controlled deformations of said substrate and of the reflective surface thereof, characterized in that said substrate consists of a panel comprising a core (11) with a cellular structure enclosed between two so-called front (12) and rear (13) lining plates made of a glass or ceramic material, the reflective surface (14) being formed on said front lining plate. The invention also relates to the use, as a deformable mirror substrate, of a panel (10) comprising a core with a cellular structure (11) enclosed between two so-called front (12) and rear (13) lining plates, wherein the front lining plate (2) has a reflective outer surface (14).

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