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(54) Title (EN): LENS AND METHOD FOR MANUFACTURING LENS

(54) Title (FR): LENTILLE ET PROCÉDÉ DE FABRICATION DE LENTILLE

(54) Title (JA): レンズおよびレンズの製造方法

(57) Abstract:

(EN): A lens according to an embodiment of the present invention comprises: a lens body containing a first polymer material; a first film provided on the surface of the lens body and containing a mixture of a second polymer material and an inorganic material; and a second film that is an inorganic film provided on the surface of the first film. The lens body includes a concave surface provided on one side viewed along the optical axis of the lens body and a flat surface provided on the one surface and continuing from the concave surface. At least a part of the concave surface is covered with the first film. The flat surface is exposed from the first film and has a polishing trace.

(FR): Une lentille selon un mode de réalisation de la présente invention comprend : un corps de lentille contenant un premier matériau polymère ; un premier film disposé sur la surface du corps de lentille et contenant un mélange d'un second matériau polymère et d'un matériau inorganique ; et un second film qui est un film inorganique disposé sur la surface du premier film. Le corps de lentille comprend une surface concave disposée sur un côté vu le long de l'axe optique du corps de lentille et une surface plate disposée sur ladite surface et continuant à partir de la surface concave. Au moins une partie de la surface concave est recouverte du premier film. La surface plate est exposée à partir du premier film et présente une trace de polissage.

(JA): 本発明の一態様に係るレンズは、第1高分子材料を含むレンズ本体と、レンズ本体の表面上に配置され、第2高分子材料と無機材料との混合物を含む第1膜と、第1膜の表面上に配置された無機膜である第2膜と、を備える。レンズ本体は、レンズ本体の光軸に沿って視た一方の面に設けられた凹面と、一方の面に設けられ凹面と連続する平坦面と、を有する。凹面の少なくとも一部は、第1膜に覆われている。平坦面は、第1膜から露出され、研磨痕を有する。

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