

Title (en)
ANGULAR FILTER AND METHOD FOR MANUFACTURING SAME

Title (de)
WINKELFILTER UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
FILTRE ANGULAIRE ET SON PROCEDE DE FABRICATION

Publication
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Application
EP 19740010 A 20190718

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Abstract (en)
[origin: WO2020016393A1] The present description relates to an optical system (5) comprising a layer (16) comprising a first surface (11) intended to receive a radiation and a second surface (13) opposite the first surface. The layer is opaque to the radiation and comprises holes that pass through or partially pass through (18) and are open on the first surface. The optical system comprises a matrix of micrometric-sized optical elements (14) covering the layer. Each optical element is configured to behave like a converging lens with a focal distance between 1 μm and 100 μm . The distance between the surface at an equidistance from the first and second surfaces and the focal points of the optical elements is less than two times the thickness of said layer.

IPC 8 full level
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CPC (source: EP KR US)
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