

Title (en)  
METHOD FOR THE PRODUCTION OF A LENS

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINER LINSE

Title (fr)  
PROCEDE DE FABRICATION D'UNE LENTILLE

Publication  
**EP 1412967 A1 20040428 (DE)**

Application  
**EP 02754425 A 20020724**

Priority  
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Abstract (en)  
[origin: WO03012829A1] The production of aspherical lenses on a semiconductor material is disclosed, whereby the structure of a photo-resist segment is transferred to a semiconductor substrate therebelow, by means of a reactive ion-etching process. A gas component which etches the photoresist and a further gas component which etches the semiconductor substrate therebelow are used. The ratio of the gas streams is altered during the etching process. The result is an aspherical lens, the measured cross-sectional profile (12) of which has only minor deviations (14) from an ideal curve (13).

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