

Title (en)
A method of forming a photonic crystal

Title (de)
Verfahren zur Bildung eines photonisches Kristalls

Title (fr)
Methode de formation d'un cristal photonique

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Application
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Abstract (en)
[origin: WO0122133A1] A method of forming a photonic crystal material is disclosed comprising exposing a photosensitive material to an interference pattern of electromagnetic radiation whereby the exposure through the material varies in accordance with the spatially varying intensity created by the interference to produce a three dimensional periodic variation in the refractive index of the photosensitive material based on the exposure, the photosensitive material possessing an average number of crosslinkable groups per molecule of at least 3, with an equivalent weight per crosslinkable group of at most 1000, e.g. a glycidyl ether of bisphenol A novolac resin, preferably a SU-8 negative photoresist.

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