

OPTICAL COMPONENTAbstract

The optical component substantially comprises an anisotropic layer of cross-linked liquid crystal monomers with varying local orientation of the liquid crystal molecules. The liquid crystal layer is in contact with an orientation layer comprising a photo-orientable polymer network (PPN).

In order to manufacture the optical component, the liquid crystal monomers are oriented by interaction with the PPN layer and the orientations are fixed in a subsequent cross-linking step.

Fig. 2

