



ABSTRACT

OPTICALLY ANISOTROPIC MATERIAL, PROCESS FOR
PRODUCING IT, AND RETARDATION PLATE AND
LIQUID CRYSTAL DISPLAY DEVICE USING SAME

By using an optically anisotropic film having the optical axis substantially parallel to the normal line of the film and comprising a polymer of a liquid crystal oligomer having positive anisotropy of refractive index and showing nematic or smectic phase, or by laminating the optically anisotropic film and a transparent or semitransparent polymer film, or by combining the optically anisotropic film with a uniaxially oriented retardation film, it is possible to obtain a composite retardation plate with a large viewing angle, and this retardation plate can be applied to a liquid crystal display device.