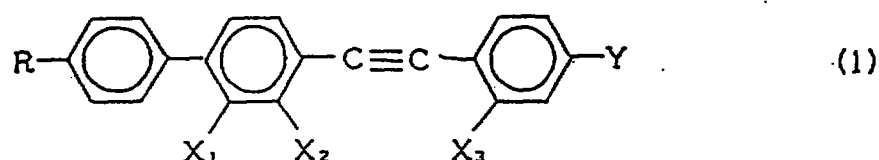


ABSTRACT OF THE DISCLOSURE

**TOLANE DERIVATIVE, LIQUID CRYSTAL COMPOSITION CONTAINING
THE DERIVATIVE, AND LIQUID CRYSTAL DISPLAY DEVICE
USING THE COMPOSITION**

A tolane derivative of a formula:



where R represents a linear alkyl group having from 1 to 10 carbon atoms; X₁, X₂ and X₃ each represent a fluorine atom or a hydrogen atom, provided that one of them is necessarily a fluorine atom and the others are hydrogen atoms; and Y represents a nitrile group or a linear alkyl group having from 1 to 10 carbon atoms; and a liquid crystal composition containing the derivatives; and a liquid crystal display device having the composition.

Effect

The compound is well compatible with other liquid crystal compounds. By blending the compounds with ordinary liquid crystal compounds, a liquid crystal composition having a broadened practical temperature range and an enlarged double refraction anisotropy is obtained.