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ABSTRACT

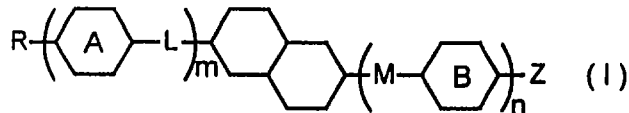
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DECAHYDRONAPHTHALENE DERIVATIVE

The present invention discloses a decahydronaphthalene derivative represented by general formula (I):



a liquid crystal composition in which it is contained, and a liquid crystal device in which it is used. The novel decahydronaphthalene derivative of the present invention can be produced industrially extremely easily as shown in the examples, and by adding a small amount to a base liquid crystal, it is possible to have effects that expand the nematic phase temperature range, thereby improving its various characteristics as a nematic liquid crystal. Moreover, the novel decahydronaphthalene derivative of the present invention also has superior co-solubility with base liquid crystals generally used at present. Thus, it is suitable for various types of liquid crystal devices requiring a wide operating temperature range, and is extremely useful as a liquid crystal material.