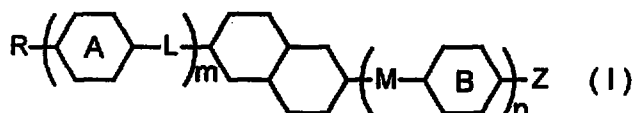




## ABSTRACT

## 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  
5 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  
10 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  
15 types of liquid crystal devices requiring a wide operating  
temperature range, and is extremely useful as a liquid crystal  
material.