

Title (en)  
PHENYLCYCLOHEXANES AND LIQUID CRYSTALLINE MEDIA.

Title (de)  
PHENYLCYCLOHEXANE UND FLÜSSIGKRISTALLINES MEDIUM.

Title (fr)  
PHENYLCYCLOHEXANES ET MILIEU MESOMORPHE.

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Application  
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Abstract (en)  
[origin: WO9106522A2] New phenylcyclohexanes of formula (I), where Q stands for alkylene with up to 5 C atoms or a single bond, A stands for (a), (b), (c), (d), (e), (f), (g), -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>- or a single bond, X stands for F, Cl, -CF<sub>3</sub>, -CN, -OCF<sub>3</sub>, -OCHF<sub>2</sub>, alkyl or alkoxy each of which has up to 7 C atoms, and Y and Z independently stand for H or F, provided that, if X = CN and Y = Z = H, A is different from the single bond, can be used as constituents of liquid crystalline media.

Abstract (fr)  
De nouveaux phénylcyclohexanes de formule (I) où Q est alkylène avec jusqu'à 5 atomes de carbone ou une liaison simple, A est (a), (b), (c), (d), (e), (f), (g), -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>- ou une liaison simple, X représente F, Cl, -CF<sub>3</sub>, -CN, -OCF<sub>3</sub>, -OCHF<sub>2</sub>, alkyle ou alkoxy avec respectivement jusqu'à 7 atomes de C, et Y et Z représentent indépendamment H ou F, à condition que si X = CN et Y = Z = H, A soit différent de la liaison simple, peuvent être utilisés comme constituants de milieux mésomorphes.

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