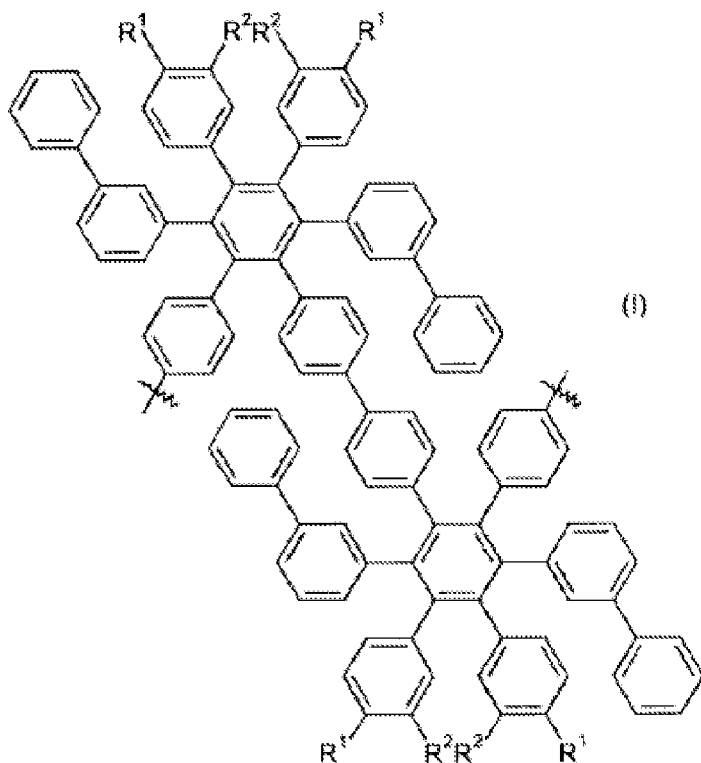




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(54) Title: GRAPHENE NANORIBBON PRECURSORS AND MONOMERS SUITABLE FOR PREPARATION THEREOF



(57) Abstract: Provided are graphene nanoribbon precursors comprising repeated units of the general formula (I) in which R^1 , R^2 are each H, halogen, -OH, -NH₂, -CN, -NO₂ or a hydrocarbyl radical which has 1 to 40 carbon atoms and may be linear or branched, saturated or unsaturated and mono- or poly-substituted by halogen (F, Cl, Br, I), -OH, -NH₂, -CN, and/or -NO₂, where one or more CH₂ groups may also be replaced by -O-, -S-, -C(O)O-, -O-C(O)-, -C(O)-, -NH- or -NR-, in which R is an optionally substituted C₁C₄₀-hydrocarbyl radical, or an optionally substituted aryl, alkylaryl or alkoxyaryl radical. (I).



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