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(54) Title: 1,1-BIS(4-HYDROXYPHENYL)-3-ALKYLCYCLOHEXANES, METHOD FOR THEIR PREPARATION AND POLYCARBONATES PREPARED THEREFROM

(57) Abstract: 1,1-Bis(4-hydroxyphenyl)-3-alkylcyclohexanes, as illustrated by 1,1-bis(4-hydroxyphenyl)-3-pentadecylcyclohexane, are prepared by hydrogenating a composition comprising 3-alkylphenols to the corresponding cyclohexanol, oxidizing the cyclohexanol to a cyclohexanone and contacting the cyclohexanone with phenol in the presence of an acidic catalyst. The preferred 3-alkylphenols are those derived from cashew nut shell liquid. The products can be used to prepare polycarbonates.