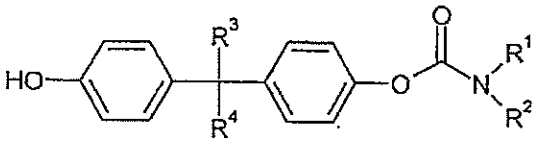
METHOD FOR PRODUCING POLYCARBONATES

Abstract

Process for the preparation of polycarbonates, preferably having a content of from 0.25 ppm to 180 ppm, measured after hydrolysis of the carbonate structures, of compounds of the formula (1)



(1)

wherein

R^1 and R^2 independently of one another denote hydrogen or C_1-C_{12}-alkyl or

R^1 and R^2 together denote C_4-C_{12}-alkylidene,

R^3 and R^4 independently of one another represent hydrogen or C_1-C_{12}-alkyl or R^3 and R^4, with the carbon atom to which they are bonded, form cyclohexyl or trimethylcyclohexyl,

characterized in that in the phosgenation step the temperature is 0 to 40 °C, and the temperature of the reaction mixture at the time of addition of the catalyst is 10 to 40 °C, the catalyst is present in solution and the ratio of the moles of bisphenol to moles of phosgene is 1:1.05 to 1:1.20.