

Title (en)
METHOD FOR PRODUCING POLYCARBONATE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON POLYCARBONAT

Title (fr)
PROCEDE DE PRODUCTION D'UN POLYCARBONATE

Publication
EP 1794208 A1 20070613 (DE)

Application
EP 05784029 A 20050915

Priority
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Abstract (en)
[origin: US2006063906A1] A process for the preparation of polycarbonate by the phase interface process is disclosed. The process includes (a) preparing a sodium hydroxide solution by chloralkali electrolysis, the solution containing not more than 30 ppm sodium chlorate relative to the weight of sodium hydroxide, and (b) reacting an aqueous solution of said sodium hydroxide with at least one dihydroxydiarylalkane to obtain a solution of disodium salt and (c) reacting said solution of disodium salt with phosgene in the presence of at least one organic solvent, a chain terminator and optionally a branching agent to obtain an oligocarbonate, and (d) condensing the oligocarbonate in the presence of at least one catalyst to obtain a material system containing polycarbonate and organic solvent and (e) separating off of the organic phase from said material system. The polycarbonate prepared by the inventive process is characterized by its low yellowness index.

IPC 8 full level
C08G 64/24 (2006.01)

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