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(54) Title: PROCESS FOR THE PRODUCTION OF ALKYLENE CARBONATE

(57) Abstract: The invention relates to a process for the production of an alkylene carbonate by the reaction of an alkylene oxide with carbon dioxide in the presence of a phosphonium catalyst in which process (a) the alkylene oxide, carbon dioxide and phosphonium catalyst are continuously introduced into a reaction zone from which a product stream containing alkylene carbonate and phosphonium catalyst is withdrawn; (b) alkylene carbonate and a stream containing phosphoniura catalyst are separated from the product stream; (c) the alkylene carbonate, separated in step (b), is recovered as product; and (d) the stream containing phosphoniura catalyst, separated in step (b), is recycled to the reaction zone, in which process a treatment of alkylene carbonate and/or catalyst with a sorption agent comprising carbon is carried out.



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