

ABSTRACT

There is disclosed a process for producing bisphenol A by continuously supplying phenol to a first-stage reactor in a continuous multi-stage fixed-bed reaction system composed of at least two reactors each filled in with a cation exchange resin as a catalyst, and continuously supplying acetone separately to each of the reactors, characterized by arranging a reactor which is filled in with a fresh or regenerated cation exchange resin on the final stage in the case of replacing the most seriously deteriorated cation exchange resin in catalytic activity with the fresh or regenerated cation exchange resin, and operating the final stage reactor so that the ratio R of the feed rate of acetone to the consumption rate thereof falls within more than one to less than 3. The above process makes it possible to efficiently produce bisphenol A having favorable hue, while maintaining the acetone feed rate at a relatively low level.



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