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(54) Title: INTEGRATED PROCESS FOR PRODUCING CUMENE AND PURIFYING ISOPROPANOL

(57) Abstract: An integrated process for producing cumene and purifying isopropanol is described, in which a crude isopropanol stream containing in excess of 0.1 wt % water is separated into a dry isopropanol fraction containing no more than 0.1 wt % water and a wet isopropanol fraction containing the remainder of the water in said crude isopropanol stream. The dry isopropanol fraction is recovered and the wet acetone isopropanol fraction is contacted with benzene in an alkylation zone under alkylation conditions such that at least part of the isopropanol reacts with the benzene to produce an effluent stream comprising cumene.



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