

DEHYDRATION OF ION-EXCHANGE RESIN CATALYZED
REACTIONS

ABSTRACT OF THE DISCLOSURE

5 The preparation of bisphenols by condensation
of a phenol compound with a ketone is improved by
employing an ion-exchange resin as the acid
catalyst, and removing the co-product water of
condensation as it forms in the catalyst resin bed
by counter-current passage of a drying gas to
remove the water. The improvement results in
better ketone conversion rates and catalyst life.
10 The products have improved color.

Figure 1