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[Continued on next page]

(54) Title: HYDROGENATION PROCESS

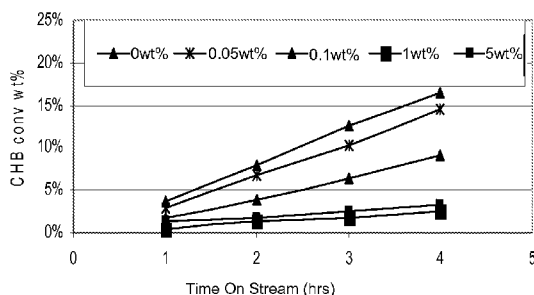


Figure 1A

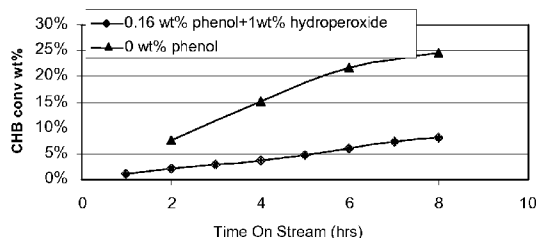


Figure 1B

(57) Abstract: The present invention relates to a hydro-
genation process that may be used in connection with the
production of phenol. In the process, a composition com-
prising: (i) cyclohexylbenzene; and (ii) a hydrogenable
component are contacted with hydrogen in the presence of
a hydrogenation catalyst under hydrogenation conditions.
The hydrogenable component can be one or more of an
olefin, a ketone or phenol. The hydrogenation catalyst has
hydrogenation component and a support.



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