

PHENOL PURIFICATION PROCESS

ABSTRACT

The present invention provides an easy process for purifying
5 phenol by separating carbonyl compounds through selective
hydrogenation of the compounds to the corresponding alcohols then
distillation. The phenol purification process of the present
invention comprises bringing phenol into contact with a
copper-based catalyst in the presence of hydrogen to convert
10 carbonyl compounds contained in the phenol to the corresponding
alcohol compounds, and separating the alcohol compounds and
phenol by distillation.

(FIGURE 1)