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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: PROCESSES FOR PRODUCING PHENOL

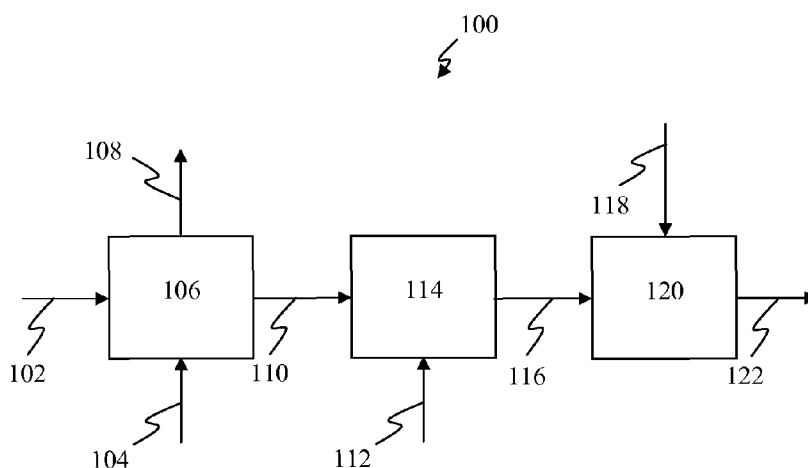


Figure 1

(57) Abstract: Disclosed herein are processes for producing phenol. The processes include oxidizing cyclohexylbenzene to produce an oxidation composition comprising cyclohexyl-1 -phenyl- 1- hydroperoxide. The cyclohexyl-1 -phenyl- 1- hydroperoxide in the oxidation composition may undergo a cleavage reaction to produce a cleavage reaction mixture comprising phenol, cyclohexanone and at least one contaminant. The cleavage reaction mixture may be contacted with a basic material to convert at least a portion of the contaminant to a converted contaminant, thereby producing a modified reaction mixture.



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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
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