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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: PROCESS FOR MAKING PHENOL AND/OR CYCLOHEXANONE

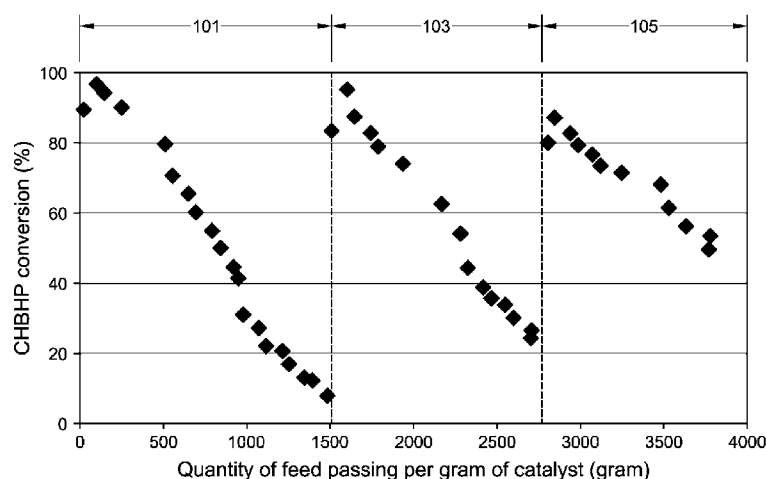


FIG. 1

(57) Abstract: A cleavage process for making phenol and/or cyclohexanone, the process comprising: (A) providing a feed comprising cyclohexylbenzene hydroperoxide; (B) contacting the feed with a catalyst under cleavage reaction conditions effective to produce a cleavage effluent comprising phenol and cyclohexanone, the catalyst having a collidine uptake of at least 20 μmol per gram of the catalyst and comprising an aluminosilicate molecular sieve of the FAU- type, an oxide binder, and a clay.



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