addition reaction with the other or independently to produce cumylphenol or olefin dimers, and thus the useful components are lost.

CITATION LIST

PATENT DOCUMENT

[0007]

[Patent Document 1] JP-B No. 37-11664

[Patent Document 2] JP-B No. 54-1289

[Patent Document 3] JP-B No. 42-12250

[Patent Document 4] GB Patent No. 1231991

SUMMARY ~~OF THE INVENTION~~

[0007a]

In a first aspect of the present disclosure, there is provided a phenol purification process comprising bringing phenol into contact with a copper-based catalyst in the presence of hydrogen to convert carbonyl compound contained in the phenol to corresponding alcohol compound, and separating the alcohol compound and phenol by distillation.

TECHNICAL PROBLEM

[0008]

It is an object of the present invention to provide a phenol purification process capable of producing high-purity phenol,

comprising selectively hydrogenating target carbonyl compounds to convert the carbonyl compounds to the corresponding alcohol compounds without causing the loss of the useful components mentioned above, and separating the alcohol compounds and phenol by distillation.

TECHNICAL SOLUTION

[0009]