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(54) **OPTIMIZATION OF POLYCARBONATE
PREPARATION BY TRANSESTERIFICATION**

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(58) Field of Search 528/196, 198

(56) **References Cited**

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(57) **ABSTRACT**

Acidic impurities in dihydroxyaromatic compounds such as
bisphenol A, as illustrated by sulfonic acids and mercapto-
carboxylic acids, can have an adverse effect on the molecu-
lar weight of a polycarbonate prepared therefrom by trans-
esterification. The same is true of acidic impurities in diaryl
carbonates such as diphenyl carbonate, as illustrated by
salicylic acid and ferric chloride. The reagents are analyzed
for these impurities. Based on the analysis, the reagents are
discarded or recycled, or a compensatory amount of alkali
metal hydroxide is employed as a catalyst in the reaction.

11 Claims, No Drawings