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(54) Title: METHOD OF CONVERTING POLYMER COMPRISING BENZENOID RINGS INTO OXIDATION PRODUCTS

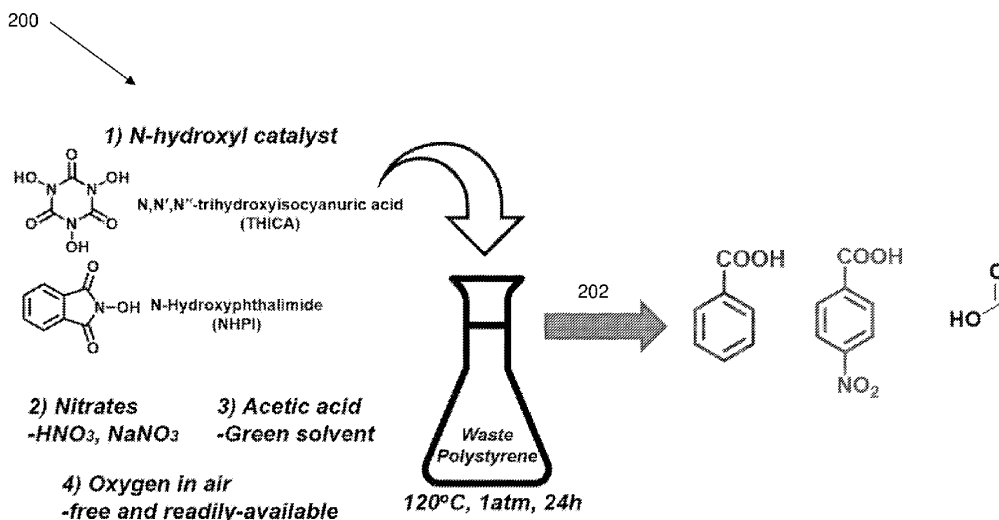


FIG. 2

(57) Abstract: There is provided a method of converting a polymer comprising benzenoid rings into oxidation product(s), the method comprising: a step of oxidizing a benzenoid-based polymer source by adding a NOX source to the benzenoid-based polymer source to oxidize the polymer comprising benzenoid rings. Preferably, the NOX source is selected from nitrous acid, nitrite salts, nitric acid, nitrate salts and combinations thereof. Preferably, the step of oxidizing is carried out in the presence of a catalyst comprising N-hydroxy (-N-OH) groups.

[Continued on next page]

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