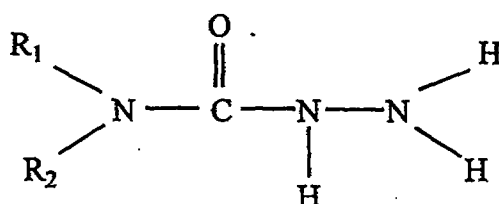


Abstract of the Invention

Case 5 230

A method for removing dissolved oxygen from alkaline water containing dissolved oxygen at a temperature greater than 250°F which comprises the step of:

- 5 adding to said alkaline water containing dissolved oxygen an effective oxygen-scavenging amount of a water-soluble semicarbazide of the formula



wherein R₁ and R₂ are selected from the group consisting of C₁ - C₁₀ alkyl, cycloalkyl, aryl, cycloalkyloxy and alkyloxy groups.

- 10 Preferred materials are 4-phenyl semicarbazide, 4-isopropyl semicarbazide, 4-4-diethyl semicarbazide and carbazoyl morpholine. Below 400°F, a catalyst is also required.

This Sheet Has Been Replaced

