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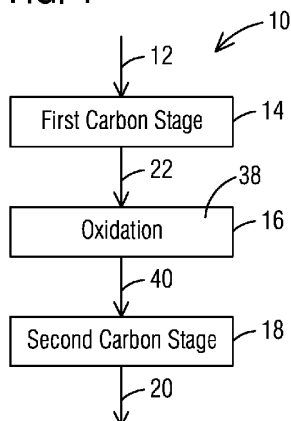
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(54) Title: METHOD AND SYSTEM FOR REDUCING TOTAL CARBON CONSUMPTION IN THE GENERATION OF LOW
CHEMICAL OXYGEN DEMAND TREATED STREAMS

FIG. 1



(57) Abstract: The present inventors have developed systems and processes for reducing the overall carbon consumption needed for the generation of low COD treated water. In certain aspects, the systems and processes described herein include an oxidation stage (e.g., one that utilizes ozone, hydrogen peroxide, ultraviolet, or a combination thereof for oxidation) between a first activated carbon stage and a second activated carbon stage to reduce a total carbon consumption within the associated system or process.

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