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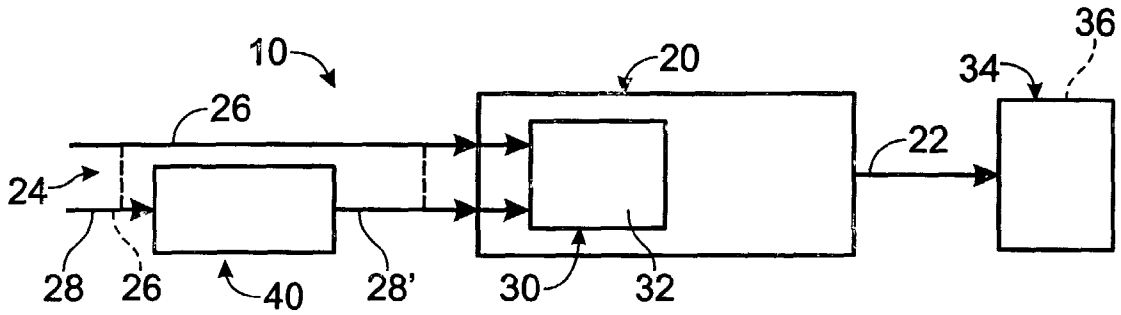
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(54) Title: SULFUR-ABSORBENT BED AND FUEL PROCESSING ASSEMBLY INCORPORATING THE SAME



(57) Abstract: A fuel processing system (10) that includes an improved sulfur-removal assembly (40). The fuel processing system (10) includes at least one fuel processor (20) adapted to produce hydrogen gas (22) from water and a carbon-containing feedstock (24), such as at least one hydrocarbon or alcohol. The sulfur-removal assembly (40) includes a sulfur-absorbent bed that contains a sulfur-absorbent material, such as a low-temperature shift catalyst, that is adapted to remove, or reduce the concentration of, sulfur-compounds from the carbon-containing feedstock (24).

WO 02/049128 A3