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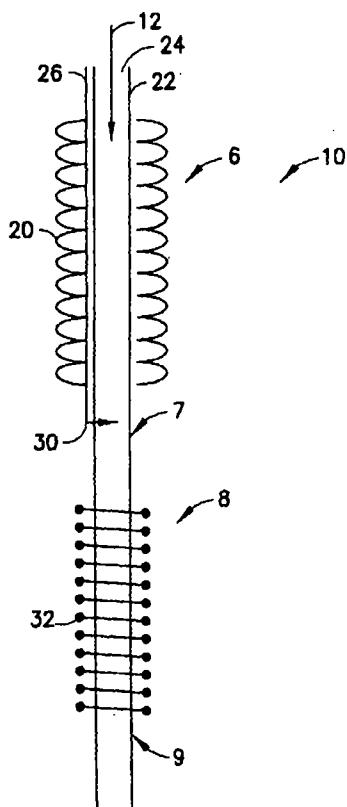
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(54) Title: APPARATUS AND PROCESS FOR THE ABATEMENT OF SEMICONDUCTOR MANUFACTURING EFFLUENTS CONTAINING FLUORINE GAS



(57) Abstract: Apparatus and process for the abatement of fluorine and fluorine-containing compounds from gases containing the same, such as effluent gas streams from semiconductor manufacturing operations, wherein a fluorocompound abatement medium (26) is injected into the fluorocompound-containing gas (12). The fluorocompound abatement medium (26) comprises at least one of steam, methane and hydrogen, with the proviso that when the fluorocompound abatement medium (26) contains methane and/or hydrogen, the injection of the fluorocompound abatement medium (26) is conducted under non-combustion conditions.



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