

[54] **GAS SCRUBBING METHOD**

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**Related U.S. Application Data**

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[58] **Field of Search** ..... 423/210, 232, 234, 242, 423/245, 215.5; 261/112; 55/240, 87, 241

[56]

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[57]

**ABSTRACT**

A scrubbing system including scrubbers having straight through or direct line gas flow, with steam pretreatment of the gases supplied to the scrubber. The scrubbing solution may be recycled. Where steam is present in the process, the effluent gas is partially recycled to the process upstream of the scrubber to maintain a predetermined level of steam moisture in the gases entering the scrubber.

**15 Claims, 6 Drawing Figures**

