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(54) Title: SEPARATOR APPARATUS ROTOR

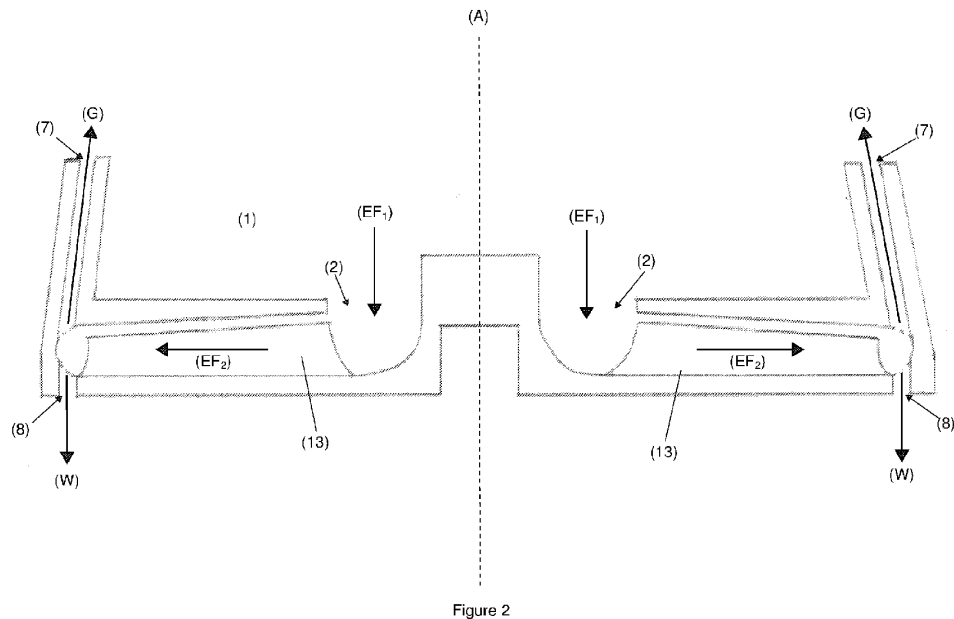


Figure 2

(57) Abstract: The present invention relates to a rotor for a separator apparatus. The rotor having an axis of rotation and comprising an inlet operable to receive an effluent stream, an annular skirt defining a centrifugal separator operable to separate the effluent stream, the centrifugal separator having a gas outlet in first direction and a waste outlet in a second direction. A surface of the annular skirt is angled towards the axis of rotation of the rotor, such that during rotation of the rotor, non-gaseous matter in the effluent stream is biased towards the waste outlet by contact with said surface. The invention also relates to a separator apparatus comprising such a rotor, a method of treating an effluent stream, and a method of designing a rotor.

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