APPARATUS AND METHOD FOR FLUID SEPARATION

Abstract

An apparatus for controlling the flow of a first fluid stream within a bulk rotating fluid stream is disclosed, the apparatus comprising a fluid flow region having a longitudinal axis, within which a rotating flow of fluid may be established; a flow guide having a convex outer surface disposed centrally within the fluid flow region, the convex outer surface of the flow guide extending parallel to the longitudinal axis of the fluid flow region, the convex surface being shaped to induce a spiral coanda effect in the flow of the first fluid stream over the flow guide.

No suitable figure.