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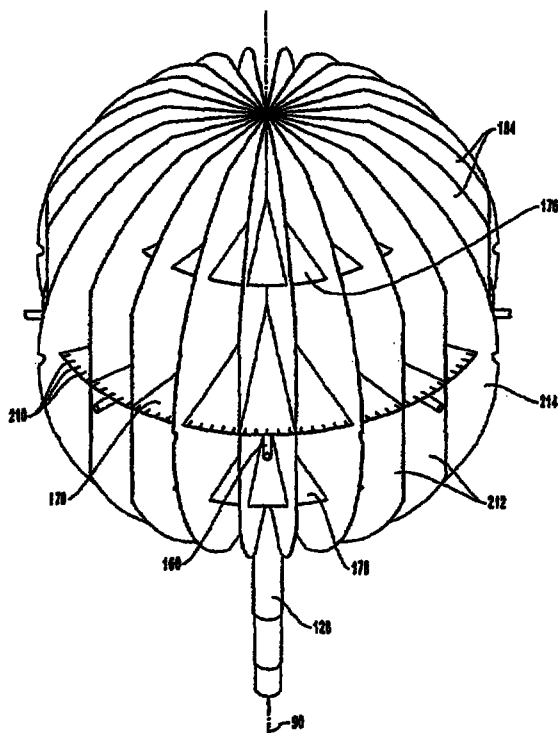
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(54) Title: CENTRIFUGAL PRESSURIZED SEPARATORS AND METHODS OF CONTROLLING SAME



(57) Abstract: A separator includes a vessel having a rotational axis extending through the vessel and a peripheral wall bounding a chamber communicating with an inlet port and an outlet port. Disposed within the chamber are a plurality of fins (184) radially outwardly projecting from the rotational axis in substantially parallel alignment with the rotational axis. The fins (184) interact with the peripheral wall to form longitudinally extending discrete flow channels (218). An exit tube (128) with a first end disposed within the chamber and an opposing second end in fluid communication with the exterior of the vessel is positioned along a portion of the rotational axis of the vessel. A plurality of extraction tubes (160) having a first end in fluid communication with the exit tube and an opposing second end disposed a distance from the peripheral wall radially outwardly projecting from the rotational axis within the chamber.

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