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(54) Title: FLOW CONDITIONER AND METHOD OF DESIGNING SAME

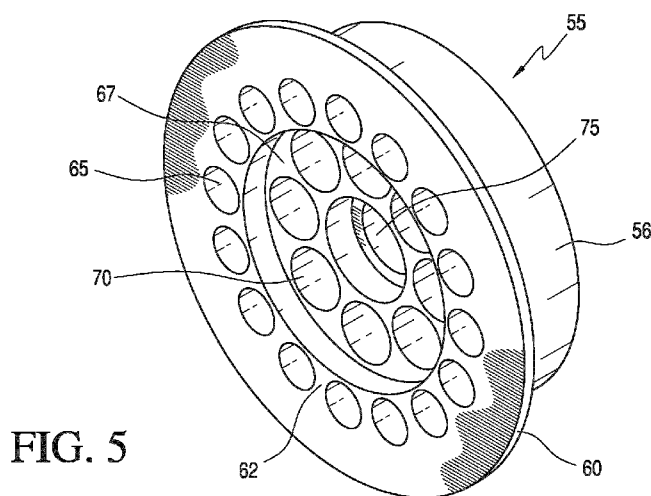


FIG. 5

(57) Abstract: A flow conditioner includes a single disk having a first side and a second side; an outer ring comprising a plurality of holes, wherein the holes extend from the outer ring to the first side of said disk; at least one inner ring recessed from the outer ring, said at least one inner ring comprising a plurality of holes, wherein the holes extend from the at least one inner ring to the first side of said disk; and a central hole recessed from the at least one inner ring. The plurality of holes in the outer ring and in the at least one inner ring provide fluid passages of unequal length from a first side of the flow conditioner to a second side of the flow conditioner.