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(54) Title: COMPRESSION SYSTEM AND METHOD HAVING CO-AXIAL FLOW DEVICE

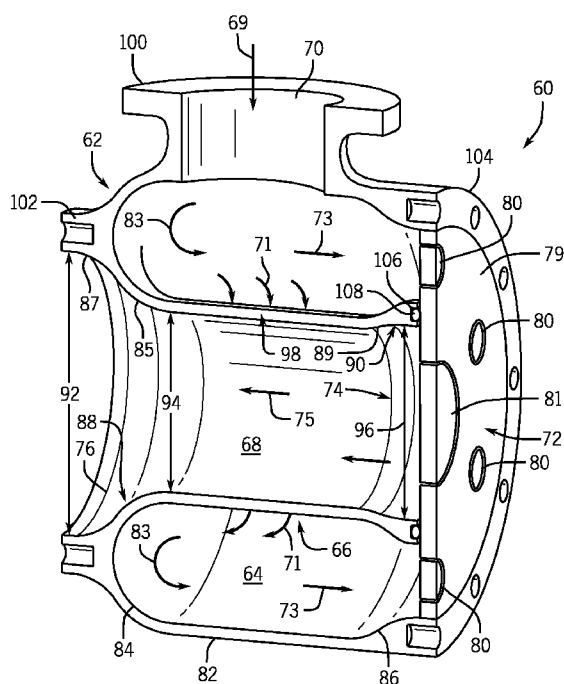


FIG. 3

(57) Abstract: A system, including a compressor including a cylinder comprising a chamber, a first axial end portion, and a second axial end portion, and a piston disposed within the chamber of the cylinder, wherein the piston is configured to reciprocate along a cylinder axis between the first and second axial end portions, and a co-axial flow device coupled to compressor, wherein the co-axial flow device comprises a first wall disposed about a first passage along an axis, a second passage disposed about the first wall along the axis, and a second wall disposed about the second passage along the axis, wherein the first passage comprises a first axial opening in fluid communication with the chamber while the piston moves in a first axial direction, and the second passage comprises a second axial opening in fluid communication with the chamber while the piston moves in a second axial direction opposite from the first axial direction.

**Declarations under Rule 4.17:**

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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