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(54) Title: STATOR FOR A VACUUM PUMP

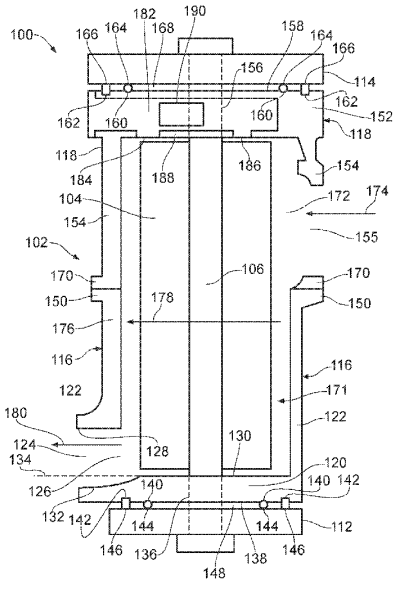


FIG. 1

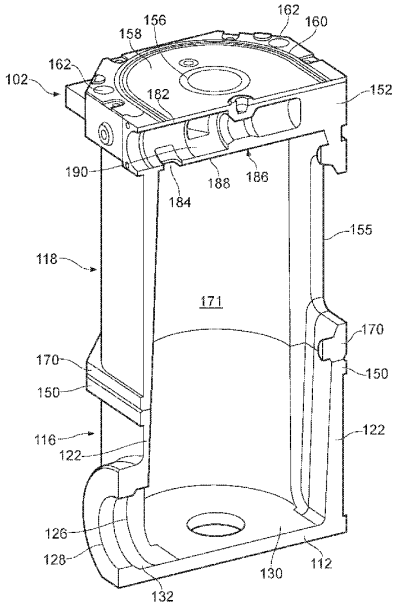


FIG. 4

(57) Abstract: At least a part of a stator (118) for a vacuum pump (100), comprising: a plurality of walls (152, 154) defining therebetween at least a part of a pumping chamber (171); a channel (182) formed within one or more of the walls (152) of the plurality of walls (12, 154), the channel (182) comprising a first opening (184) at a first end of the channel (182) and a second opening (186) at a second end of the channel (182), the first opening (184) being an opening in an internal surface of the one or more of the walls (152) and being in fluid communication with the pumping chamber (171); and a pressure relief valve (190) disposed within the channel (182).

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