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(54) Title: POROUS CARBON CONTAINMENT OR SEPARATION SEAL

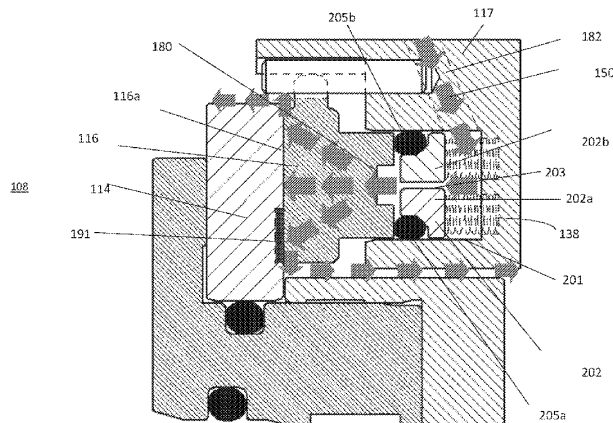


FIG. 2

(57) Abstract: A seal includes a mating ring (114) that rotates relative to a porous carbon primary ring (116) at a seal interface. A buffer gas is provided into the seal and passes from the back of the primary ring to the seal interface. The seal can be used as a separation seal or in combination with another seal.

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