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(54) **GENERATOR WITH HIGH-PRESSURE AIR COOLING**

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ABSTRACT

A generator rotor including a rotor shaft having a rotor slot includes a rotor winding at least partially disposed within the rotor slot and a wedge coupled to the rotor shaft and extending axially along the rotor shaft, the wedge positioned to inhibit radial movement of the rotor winding from the rotor slot. A seal member is coupled to the wedge and extends axially along the wedge. The seal member cooperates with the wedge and the rotor shaft to define a seal therebetween. The wedge, the seal member, and the rotor shaft cooperate to at least partially define an enclosed space operable to contain a high-pressure coolant.

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