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(54) Title: MODULAR POLYMERIC EMI/RFI SEAL

(57) Abstract: A seal includes a seal body including an annular cavity, and an annular spring within the annular cavity. The seal body, the seal body includes a composite material having a thermoplastic material and a filler. The composite material can have a Young's Modulus of at least about 0.5 GPa, a volume resistivity of not greater than about 200 Ohm-cm, an elongation of at least about 20%, a surface resistivity of not greater than about 10⁴ Ohm/sq, or any combination thereof.



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