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(54) Title: RADIAL SPLIT RING SEAL FOR FILTRATION SYSTEMS

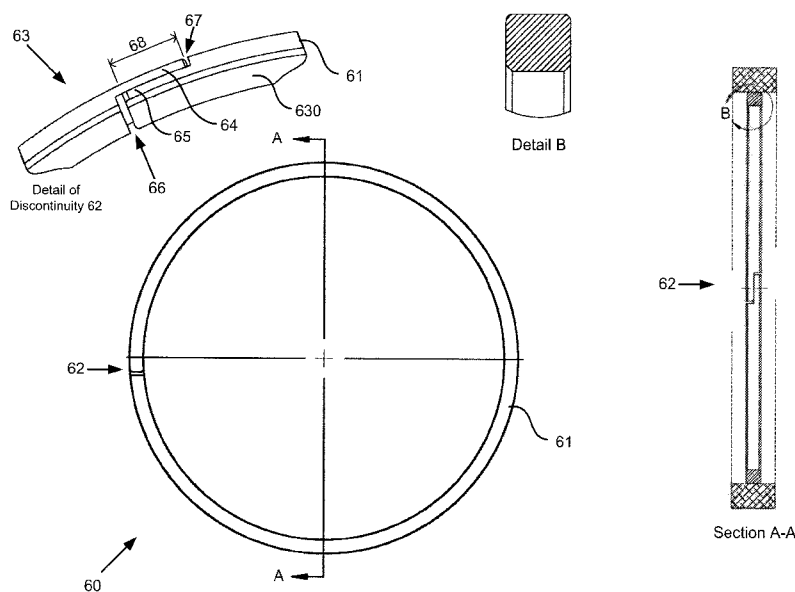


Figure 6

(57) Abstract: A radial seal is described for use in a filtration system having annular elements. The rings or annuli fit in a groove in an outer surface of a seal plate. Each annulus has an outer diameter larger than the inner diameter of a cylindrical housing of the filtration system. A gap in the annulus has a width selected to enable the annular element to deform sufficiently to permit insertion of the at least one annulus into the cylindrical housing. Two or more annuli can be configured such that the gaps of the annuli are misaligned when both annuli are installed in the groove, thereby minimizing leakage in operation. A registration system includes a registration element that cooperates with a registration element of the other annulus to ensure misalignment of the gaps of the pair of annuli.