

ABSTRACT

5 A quadrupole rod assembly includes a plurality of electrically conductive rods, electrically insulating rings coaxially surrounding the rods, and clamping systems. The rods are arranged about a longitudinal axis. The rods and rings have respective surfaces oriented in a transverse plane orthogonal to the longitudinal axis, which surfaces interface with respective surfaces of the clamping systems that are also oriented in the transverse plane.

FIG. 5