SYSTEMS AND METHODS FOR IMPROVED SUSTAINMENT OF A HIGH PERFORMANCE FRC ELEVATED ENERGIES UTILIZING NEUTRAL BEAM INJECTORS WITH TUNABLE BEAM ENERGIES

ABSTRACT

Systems and methods that facilitate forming and maintaining FRCs with superior stability as well as particle, energy and flux confinement and, more particularly, systems and methods that facilitate forming and maintaining FRCs with elevated system energies and improved sustainment utilizing neutral beam injectors with tunable beam energy capabilities.

Fig. 3E