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(54) Title: HEATING PLASMA FOR FUSION POWER USING NEUTRAL BEAM INJECTION

(57) Abstract: In one embodiment, a fusion reactor includes two internal magnetic coils suspended within an enclosure, a center magnetic coil coaxial with the two internal magnetic coils and located proximate to a midpoint of the enclosure, a plurality of encapsulating magnetic coils coaxial with the internal magnetic coils, and two mirror magnetic coil coaxial with the internal magnetic coils. The fusion reactor further includes one or more heat injectors operable to inject a beam of neutral particles toward the center of the enclosure.

