

Title (en)

METHOD OF FORMING STABLE STATES OF DENSE HIGH-TEMPERATURE PLASMA

Title (de)

VERFAHREN ZUR BILDUNG STABILER ZUSTÄNDE VON DICHTEM HOCHTEMPERATUR-PLASMA

Title (fr)

PROCEDE PERMETTANT D'OBTENIR DES ETATS STABLES POUR UN PLASMA DENSE A HAUTE TEMPERATURE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005109970A1] A method is proposed for forming stable states of a dense high-temperature plasma, including plasmas for controlled fusion, the method comprising: generating a dense high temperature plasma in pulsed heavy-current discharges, followed by injecting the plasma from the area of a magnetic field with parameters corresponding to the conditions of gravitational emission of electrons with a banded energy spectrum and subsequent energy transfer along the spectrum (cascade transition) into the long wavelength region (of eV-energy), this leading to the state of locking and amplification of the gravitational emission in the plasma with simultaneous compression thereof to the states of hydrostatic equilibrium, with using multielectron atoms as a prerequisite element in the composition of a working gas, for quenching the spontaneous gravitational emission from the ground energy levels (the keV-region) of the electron in the proper gravitational field.

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H05H 1/02

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