

Title (en)

DEVICE FOR COUPLING BETWEEN A PLASMA ANTENNA AND A POWER SIGNAL GENERATOR

Title (de)

EINRICHTUNG ZUR KOPPLUNG ZWISCHEN EINER PLASMAANTENNE UND EINEM LEISTUNGSSIGNALGENERATOR

Title (fr)

DISPOSITIF DE COUPLAGE ENTRE UNE ANTENNE A PLASMA ET UN GENERATEUR DE SIGNAL DE PUISSANCE

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Application

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Abstract (en)

[origin: WO2007090850A1] The present invention relates to a device for coupling between a plasma column functioning as an antenna and a power signal electrical generator, associated with a laser, and this device is characterized in that it comprises at least two conducting electrodes (1, 2) each drilled with a hole (3, 4), these holes being coaxial, the electrodes being connected on the one hand to a high DC voltage source (8) and on the other hand to an AC power signal source (13), the laser (lasers) being disposed in such a way that its (their) beam arrives along the axis (5) of said holes of the electrodes.

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