

Title (en)

HIGH-POWER NEGATIVE ION GENERATOR IN A GASEOUS MEDIUM WITH A HIGH-INTENSITY ELECTRIC FIELD CONFIGURATION

Publication

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Application

EP 87401923 A 19870824

Priority

FR 8612448 A 19860829

Abstract (en)

[origin: US4816684A] The invention relates to high-powered negative ion generator in a gaseous medium with a high-strength electric field configuration. This high-powered negative ion generator in a gaseous medium with a high-strength electric field configuration comprising two self-contained subsystems: a source of very high negative dc voltage (THT) which is capable of supplying the current required for the second subsystem; an electron optics unit comprising the points emitting electrons (Pte) and the various components (S1, P1, P2, P3) which cannot be separated and which create the configuration of the electric field required for the result it is desired to achieve.

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