

Title (en)
DEVICE FOR POWERING AN OZONIZER

Title (de)
STROMVERSORGUNGSGERÄT FÜR OZONERZEUGER

Title (fr)
DISPOSITIF D'ALIMENTATION EN ENERGIE ELECTRIQUE D'UN OZONEUR

Publication
EP 0948836 A1 19991013 (FR)

Application
EP 98951557 A 19981026

Priority
• FR 9802290 W 19981026
• FR 9713387 A 19971024

Abstract (en)
[origin: FR2770348A1] The system to feed electrical energy to an ozonizer (7) has a continuous current supply (8). Its terminals are connected by a dual series wave bridge coupled to a resonant charge of a high tension self-inductance (14) in series with the ozonizer (7). The dual series wave bridge has an autopilot operating mode, and is coupled to the self-inductance (7,14) through a high tension transformer (16). The self-leakage (17), together with the self-inductance (14) and the ozonizer, forms a global induction impedance at the set frequency for control of the dual series wave bridge, with an operating frequency higher than the resonance frequency of the charge. The dual series wave bridge is connected directly to the resonant charge.

IPC 1-7
H02M 7/523; **C01B 13/11**

IPC 8 full level
C01B 13/11 (2006.01); **H02M 7/523** (2006.01)

CPC (source: EP US)
C01B 13/115 (2013.01 - EP US); **H02M 7/5236** (2013.01 - EP US)

Citation (search report)
See references of WO 9922439A1

Designated contracting state (EPC)
CH DE ES FI FR GB IT LI NL SE

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