

Title (en)

OZONE GENERATOR WITH IN-LINE SENSOR

Title (de)

OZONERZEUGER MIT INTEGRIERTEM SENSOR

Title (fr)

GENERATEUR D'OZONE DOTE D'UN CAPTEUR EN LIGNE

Publication

EP 0828687 A1 19980318 (EN)

Application

EP 95919291 A 19950526

Priority

CA 9500316 W 19950526

Abstract (en)

[origin: WO9637432A1] An apparatus for generating ozone from an oxygen supply. The apparatus comprising grids mounted in an enclosure and a high voltage circuit coupled to the grids for generating an electric field. The high voltage circuit receives AC power and includes a control circuit for producing a linearly controlled high voltage output from the AC feed for energizing the grids. The apparatus also includes an in-line sensor for determining the level of ozone being produced without affecting the ozone concentration. The high voltage circuit is also suitable for other applications where a precisely controlled high voltage output signal is needed.

IPC 1-7

C01B 13/11

IPC 8 full level

C01B 13/11 (2006.01)

CPC (source: EP)

C01B 13/11 (2013.01); **C01B 13/115** (2013.01); **C01B 2201/12** (2013.01); **C01B 2201/22** (2013.01); **C01B 2201/90** (2013.01)

Citation (search report)

See references of WO 9637432A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9637432 A1 19961128; AU 2520095 A 19961211; EP 0828687 A1 19980318; JP H11505797 A 19990525

DOCDB simple family (application)

CA 9500316 W 19950526; AU 2520095 A 19950526; EP 95919291 A 19950526; JP 53522096 A 19950526