

Title (en)
ELECTROCHEMICAL OZONE GENERATOR

Title (de)
ELEKTROCHEMISCHER OZONERZEUGER

Title (fr)
GENERATEUR D'OZONE ELECTROCHIMIQUE

Publication
EP 1699948 A1 20060913 (DE)

Application
EP 04819651 A 20041203

Priority
• EP 2004013770 W 20041203
• DE 20318754 U 20031204

Abstract (en)
[origin: WO2005054545A1] The invention relates to an electrochemical ozone generator which is used to generate ozone by means of an electrochemical cell. Said cell comprises a cathode, an anode and an electrolyte which is arranged therebetween. The ozone generator is embodied as a compact ozone generator and has a tubular-shaped housing provided with at least one end-sided opening. Said end-sided opening enables the ozone generator to be immersed in a liquid which is to be ozonified and the electrochemical cell is arranged in the vicinity of the end-sided opening inside the tubular-shaped housing.

IPC 8 full level
C25B 1/13 (2006.01); **C02F 1/467** (2006.01); **C02F 1/78** (2006.01); **C02F 9/00** (2006.01); **C25B 9/17** (2021.01); **C02F 1/461** (2006.01)

CPC (source: EP)
C02F 9/20 (2023.01); **C25B 1/13** (2013.01); **C25B 9/17** (2021.01); **C02F 1/46109** (2013.01); **C02F 1/4672** (2013.01); **C02F 2001/46142** (2013.01); **C02F 2001/46161** (2013.01); **C02F 2201/009** (2013.01); **C02F 2201/46195** (2013.01); **C02F 2201/782** (2013.01); **Y02A 20/212** (2017.12); **Y02W 10/37** (2015.05)

Citation (search report)
See references of WO 2005054545A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 20318754 U1 20040219; EP 1699948 A1 20060913; WO 2005054545 A1 20050616

DOCDB simple family (application)
DE 20318754 U 20031204; EP 04819651 A 20041203; EP 2004013770 W 20041203