

Title (en)

METHOD AND DEVICE FOR TREATING WATER BY OXYGENATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR WASSERBEHANDLUNG DURCH SAUERSTOFFANREICHERUNG

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT D'UNE EAU PAR OXYGENATION

Publication

EP 1242317 A1 20020925 (FR)

Application

EP 00981442 A 20001120

Priority

- FR 0003217 W 20001120
- FR 9915397 A 19991207

Abstract (en)

[origin: WO0142146A1] The invention relates to a method for treating water containing different oxidizable compounds to be treated. According to said method, a gas containing oxygen is injected into said water in such a way as to oxidize said oxidizable compounds. The gas containing oxygen can be a first gas containing 21 to 100 % of oxygen or a second gas containing 21 to 100 % oxygen which is different from the first gas. The choice as to which of these oxygen-containing gases is injected is continuously made according to the cost of the oxygen that is transferred and the quantity of oxygen that is required for treating the water.

IPC 1-7

C02F 3/00; C02F 3/26

IPC 8 full level

C02F 1/72 (2006.01); **C02F 1/00** (2006.01); **C02F 1/74** (2006.01); **C02F 3/02** (2006.01)

CPC (source: EP)

C02F 1/72 (2013.01); **C02F 1/008** (2013.01); **C02F 1/74** (2013.01); **C02F 3/02** (2013.01); **Y02W 10/10** (2015.05)

Citation (search report)

See references of WO 0142146A1

Designated contracting state (EPC)

ES FR IT

DOCDB simple family (publication)

WO 0142146 A1 20010614; AU 1868901 A 20010618; BR 0016260 A 20020820; EP 1242317 A1 20020925; FR 2801879 A1 20010608; FR 2801879 B1 20020301

DOCDB simple family (application)

FR 0003217 W 20001120; AU 1868901 A 20001120; BR 0016260 A 20001120; EP 00981442 A 20001120; FR 9915397 A 19991207