

Title (en)

PROCESS FOR MIXED CHEMICAL/ELECTROCHEMICAL TREATMENT OF A LIQUID MEDIUM LOADED WITH NITRATES, DEVICE FOR TREATING SUCH A LIQUID MEDIUM AND APPLICATIONS.

Title (de)

VERFAHREN ZUR KOMBINIERTEN CHEMISCHEN/ELEKTROCHEMISCHEN BEAREITUNG EINES MIT NITRATEN GELADENEN FLÜSSIGEN MEDIUMS, GERÄT ZUR BEARBEITUNG EINES SOLCHEN FLÜSSIGEN MEDIUMS UND ANWENDUNGEN DAVON

Title (fr)

PROCEDE DE TRAITEMENT MIXTE CHIMIQUE ELECTROCHIMIQUE D'UN MILIEU LIQUIDE CHARGE EN NITRATES, DISPOSITIF POUR TRAITER UN TEL MILIEU LIQUIDE ET APPLICATIONS

Publication

**EP 2170775 A2 20100407 (FR)**

Application

**EP 08806040 A 20080619**

Priority

- FR 2008051106 W 20080619
- FR 0755851 A 20070619

Abstract (en)

[origin: CA2691535A1] The invention relates, in particular, to a process for treating a liquid medium loaded with nitrates via a chemical route that mainly comprises a step of electrolysis of the liquid medium in the presence of a metal salt, the electrolysis being carried out at a pH below 5. The invention also relates to a device for treating a liquid medium loaded with nitrates and also to the applications of this process and device, in particular for reducing the level of nitrates in drainage waters.

IPC 8 full level

**C02F 9/06** (2006.01); **C02F 1/461** (2006.01); **C02F 1/469** (2006.01); **C02F 1/76** (2006.01); **C02F 9/02** (2006.01); **C02F 101/16** (2006.01); **C02F 101/20** (2006.01); **C02F 103/06** (2006.01)

CPC (source: EP US)

**C02F 9/00** (2013.01 - EP US); **C02F 1/4676** (2013.01 - EP US); **C02F 1/4693** (2013.01 - EP US); **C02F 1/66** (2013.01 - EP US); **C02F 1/76** (2013.01 - EP US); **C02F 2001/46133** (2013.01 - EP US); **C02F 2101/163** (2013.01 - EP US); **C02F 2101/20** (2013.01 - EP US); **C02F 2103/06** (2013.01 - EP US); **C02F 2201/4611** (2013.01 - EP US); **C02F 2201/46145** (2013.01 - EP US); **C02F 2201/4618** (2013.01 - EP US); **C02F 2201/46185** (2013.01 - EP US); **C02F 2209/001** (2013.01 - EP US); **C02F 2209/003** (2013.01 - EP US); **C02F 2209/06** (2013.01 - EP US); **C02F 2209/15** (2013.01 - EP US); **Y02E 60/36** (2013.01 - EP US)

Citation (search report)

See references of WO 2009004257A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**FR 2917734 A1 20081226**; **FR 2917734 B1 20100910**; AU 2008270050 A1 20090108; AU 2008270050 B2 20130307; CA 2691535 A1 20090108; CN 101815678 A 20100825; CN 101815678 B 20130612; EP 2170775 A2 20100407; JP 2010530300 A 20100909; JP 5228242 B2 20130703; US 2010140106 A1 20100610; US 8591721 B2 20131126; WO 2009004257 A2 20090108; WO 2009004257 A3 20090611

DOCDB simple family (application)

**FR 0755851 A 20070619**; AU 2008270050 A 20080619; CA 2691535 A 20080619; CN 200880102749 A 20080619; EP 08806040 A 20080619; FR 2008051106 W 20080619; JP 2010512752 A 20080619; US 66536308 A 20080619