

Title (en)
PROCESSING OF WATER USING MICROORGANISMS

Title (de)
AUFBEREITUNG VON WASSER MIT MIKROORGANISMEN

Title (fr)
TRAITEMENT DE L'EAU AU MOYEN DE MICRO-ORGANISMES

Publication
EP 2247540 A2 20101110 (DE)

Application
EP 09708214 A 20090206

Priority
• EP 2009000824 W 20090206
• DE 102008009219 A 20080206

Abstract (en)
[origin: WO2009098066A2] The invention relates to a method for the microbiological processing of water, particularly for processing waste water from semi-conductor production, wherein the water to be processed is treated in a bioreactor using microorganisms, of which at least 70% can decompose 2-propanol and/or acetone. The invention further relates to such a bioreactor, a water processing plant having such a bioreactor, and suitable microorganisms and to the use thereof in such a method.

IPC 8 full level
C02F 3/34 (2006.01); **C12N 1/20** (2006.01); **C12N 1/32** (2006.01); **C12R 1/01** (2006.01)

CPC (source: EP US)
C02F 3/10 (2013.01 - EP US); **C12N 1/205** (2021.05 - EP US); **C12N 1/32** (2013.01 - EP US); **C02F 1/686** (2013.01 - EP US);
C02F 2101/301 (2013.01 - EP US); **C02F 2103/346** (2013.01 - EP US); **C02F 2209/06** (2013.01 - EP US); **C12R 2001/01** (2021.05 - EP US);
Y02W 10/10 (2015.05 - EP US)

Citation (search report)
See references of WO 2009098066A2

Citation (examination)
JP H08197094 A 19960806 - NIPPON RENSUI KK

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008009219 A1 20090813; CN 102123955 A 20110713; EP 2247540 A2 20101110; TW 200951080 A 20091216; TW I460137 B 20141111;
US 2011186509 A1 20110804; WO 2009098066 A2 20090813; WO 2009098066 A3 20100311

DOCDB simple family (application)
DE 102008009219 A 20080206; CN 200980112009 A 20090206; EP 09708214 A 20090206; EP 2009000824 W 20090206;
TW 98103637 A 20090205; US 86656009 A 20090206