

Title (en)

PROCESS TO REMOVE SALT OR BACTERIA BY ULTRASOUND

Title (de)

VERFAHREN ZUR ENTFERNUNG VON SALZ ODER BAKTERIEN MITTELS ULTRASCHALL

Title (fr)

PROCÉDÉ D'EXTRACTION DE SEL OU DE BACTÉRIES PAR ULTRASONS

Publication

**EP 2370213 A1 20111005 (EN)**

Application

**EP 09829699 A 20091105**

Priority

- US 2009063402 W 20091105
- US 32420908 A 20081126

Abstract (en)

[origin: WO2010062789A1] A process for removal of salt and/or bacteria via ultrasound cavitation, which, by means of controlling cavitation, enables the salt crystals to be distilled and also aids in decanting coliforms and bacteria from the fluid by means of bursting gas bubbles within the fluid. As a result, liquids can be obtained which lead to different quality parameters with low impact on the environment, low energy costs and high production rates. The process can be applied to separate any inorganic or organic material from liquids.

IPC 8 full level

**B08B 3/12** (2006.01); **C02F 1/36** (2006.01)

CPC (source: EP)

**C02F 1/36** (2013.01); **A61L 2/025** (2013.01); **A61L 2202/14** (2013.01); **C02F 2209/005** (2013.01); **C02F 2209/05** (2013.01)

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 SM TR

DOCDB simple family (publication)

**WO 2010062789 A1 20100603**; BR PI0922498 A2 20181211; EP 2370213 A1 20111005; EP 2370213 A4 20130116

DOCDB simple family (application)

**US 2009063402 W 20091105**; BR PI0922498 A 20091105; EP 09829699 A 20091105