

Title (en)
SUPER-MICRO BUBBLE GENERATION DEVICE

Title (de)
VORRICHTUNG ZUR ERZEUGUNG VON SUPERMIKROBLASEN

Title (fr)
DISPOSITIF DE PRODUCTION DE SUPER-MICROBULLES

Publication
EP 2460582 A4 20151028 (EN)

Application
EP 10804452 A 20100728

Priority
• JP 2009177693 A 20090730
• JP 2010062705 W 20100728

Abstract (en)
[origin: WO2011013706A1] A super-micro bubble generation device which can generate super-micro bubbles using a simple method and can be installed by a method which provides a higher degree of freedom of installation to enable the device to be designed so as to be suitable for a place where the device is to be installed and to meet functional requirements. A super-micro bubble generation device is provided with a compressor (2) for delivering gas under pressure, and also with a bubble generation medium (3) for discharging the gas, which has been delivered under pressure, as super-micro bubbles into liquid. The bubble generation medium (3) consists of a high-density compound which is an electrically conductive substance. The super-micro bubble generating device is also provided with a liquid jetting device (4) for jetting liquid in the direction substantially perpendicular to the direction in which the bubble generation medium (3) discharges the super-micro bubbles, said liquid being the same kind of liquid as the liquid into which the super-micro bubbles are discharged.

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CPC (source: EP US)
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Citation (search report)
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• [Y] JP 2007260529 A 20071011 - IJUIN KENJI
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• [A] JP 2008132437 A 20080612 - KUBOTA KK
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• See references of WO 2011013706A1

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Designated contracting state (EPC)
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