

Title (en)
WATER TREATMENT SYSTEM

Title (de)
WASSERBEHANDLUNGSSYSTEM

Title (fr)
SYSTÈME DE TRAITEMENT DE L'EAU

Publication
EP 2035600 A2 20090318 (EN)

Application
EP 07809370 A 20070606

Priority
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Abstract (en)
[origin: WO2007146030A2] A system for the treatment of water to remove metals and noxious gases from well and groundwater so as to render the water potable is disclosed. The system employs microbubbles of oxygen, which remain suspended in water at a concentration above 100% of the calculated saturated concentration at a particular temperature and pressure. These microbubbles oxidize undesirable substances in the water, which substances include iron manganese, arsenic, antimony, chrome, aluminum, reduced sulfur compounds, pesticide residues, drug metabolites and/or bacteria. Microbubbles are produced by electrolysis or be sparging through a microorifice. A control system for the electrolytic system is disclosed.

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C25C 7/02 (2006.01)

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Citation (search report)
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