

Title (en)

APPARATUS AND METHOD FOR PERFORMING DEEP WELL WET OXIDATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DURCHFÜHRUNG VON TIEFSCHACHT-NASSOXIDATION

Title (fr)

APPAREIL ET PROCEDE POUR EFFECTUER L'OXYDATION HUMIDE DE FOND DE PUITS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004083128A1] The present invention relates to an apparatus for performing a deep well wet oxidation treatment of a fluid waste stream, the apparatus at least comprising: a deep well reaction vessel which is suspended in a subterranean hole; a first pipe for feeding the fluid waste stream into the reaction vessel, the first pipe being suspended in said reaction vessel and thereby defining a down going flow through the first pipe and an up going flow through a passage defined by the first pipe and the reaction vessel; a heat exchanger in heat exchange relation to the reaction vessel; and oxidant feeding means for feeding an oxidant to the first pipe nearby a reaction zone in which during use of the apparatus the wet oxidation of the fluid waste stream can take place; wherein the outlet of the oxidant feeding means is comprised in the wall of the first pipe.

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