

Title (en)

IN SITU TREATMENT PROCESS TO REMOVE METAL CONTAMINATION FROM GROUNDWATER

Title (de)

IN-SITU-BEHANDLUNGSVERFAHREN ZUR ENTFERNUNG VON METALLKONTAMINATION AUS GRUNDWASSER

Title (fr)

PROCEDE DE TRAITEMENT IN SITU PERMETTANT DE SUPPRIMER LA CONTAMINATION METALLIQUE DANS LES EAUX SOUTERRAINES

Publication

**EP 1701776 A4 20080806 (EN)**

Application

**EP 04702906 A 20040116**

Priority

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- US 74172803 A 20031219

Abstract (en)

[origin: WO2005068041A1] The present invention provides a process for enhancing the metal contaminant sorption capacity of mineral compounds within a groundwater-bearing formation by manipulating the pH and the surface acidity of the mineral compounds. The process is useful in removing metal contaminants from groundwater within a groundwater-bearing formation, providing a backstop treatment for groundwater after previous water treatment, and for protection of water sources, for example well-head protection.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] EP 0566122 A2 19931020 - WESTINGHOUSE ELECTRIC CORP [US]
- [X] NL 1005025 C1 19980720 - CORNELIS PIETER JASPERSE [NL], et al
- [A] WO 9213803 A1 19920820 - PARTEK AB [FI]
- See references of WO 2005068041A1

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DOCDB simple family (publication)

**WO 2005068041 A1 20050728**; CA 2550328 A1 20050728; CA 2550328 C 20130108; EP 1701776 A1 20060920; EP 1701776 A4 20080806; ZA 200604727 B 20070328

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