

Title (en)

REMOVAL OF METAL IONS FROM AQUEOUS EFFLUENTS

Title (de)

ENTFERNUNG METALLISCHER IONEN AUS ABWÄSSERN

Title (fr)

ELIMINATION DES IONS METALLIQUES DES EFFLUENTS AQUEUX

Publication

**EP 1530550 A2 20050518 (FR)**

Application

**EP 03758251 A 20030819**

Priority

- FR 0302550 W 20030819
- FR 0210519 A 20020823

Abstract (en)

[origin: FR2843745A1] A method of removing metal(s) (M1) in ionic form from aqueous effluents (I) involves contacting (I) with metal(s) (M2) which are partially or completely covered with hydrogen before and/or during contact with the M1 ions, then recovering the treated effluent. An Independent claim is included for a decontamination kit including at least one of the metals (M2), for use in the above procedure.

IPC 1-7

**C02F 1/28**

IPC 8 full level

**B01J 20/02** (2006.01); **C02F 1/28** (2006.01); **C02F 1/70** (2006.01)

CPC (source: EP US)

**B01J 20/02** (2013.01 - EP US); **C02F 1/281** (2013.01 - EP US); **C02F 1/705** (2013.01 - EP US); **C02F 2101/103** (2013.01 - EP US); **C02F 2101/20** (2013.01 - EP US)

Citation (search report)

See references of WO 2004018367A2

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**FR 2843745 A1 20040227**; **FR 2843745 B1 20060217**; AU 2003274266 A1 20040311; CA 2496192 A1 20040304; CA 2496192 C 20120313; EP 1530550 A2 20050518; JP 2005536335 A 20051202; JP 4955211 B2 20120620; US 2006108290 A1 20060525; US 2011220579 A1 20110915; WO 2004018367 A2 20040304; WO 2004018367 A3 20040408

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