

Title (en)

METHOD FOR REGENERATION OF USED HALIDE FLUIDS

Title (de)

VERFAHREN ZUR REGENERIERUNG VERBRAUCHTER HALOGENIDHALTIGER FLÜSSIGKEITEN

Title (fr)

PROCEDE DE REGENERATION DE FLUIDES HALOGENES USES

Publication

**EP 1414753 B1 20060301 (EN)**

Application

**EP 02721386 A 20020314**

Priority

- US 0207622 W 20020314
- US 27617201 P 20010315

Abstract (en)

[origin: GB2388592A] A method for regenerating a used halide fluid comprising a density greater than 9.0 lbs/gal. (1.078 g/cm<sup>3</sup>) and containing both soluble and insoluble impurities. This method comprises the steps of (1) adding acid to the used halide fluid so that the pH is within a range of approximately 0 to 10.0; (2) contacting the used halide fluid with halogen to increase the density to at least 10.0 lbs./gal., (1.198 g/cm<sup>3</sup>) maintain the desired true crystallization temperature of the fluid and oxidize soluble impurities; (3) adding a reducing agent while adjusting the temperature to a minimum of 10°C; (4) contacting the fluid with an alkali to neutralize excess acid; and (5) separating any suspended solid impurities from the fluid.

IPC 8 full level

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