

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/cm³) 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/cm³) 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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