

Title (en)

Process for regenerating hydrochloric acid from pickling installations

Title (de)

Verfahren zur Regenerierung von Salzsäure aus Beizanlagen

Title (fr)

Procédé de régénération d'acide chlorhydrique à partir d'installations de décapage

Publication

**EP 0635586 B1 19960612 (DE)**

Application

**EP 94110417 A 19940705**

Priority

AT 144993 A 19930721

Abstract (en)

[origin: EP0635586A1] In order to reduce the pollutants in the exhaust gas of regeneration plants for used hydrochloric acid from pickling plants, a process is provided including the thermal cleavage of iron chloride in the used pickling acid to give iron oxide and gaseous hydrochloric acid, at least one compound being added to the used pickling acid which contains nitrogen having a low oxidation number, for example ammonium compounds, ammonia, urea or amides. <IMAGE>

IPC 1-7

**C23G 1/36**

IPC 8 full level

**G03C 5/395** (2006.01); **C01B 7/01** (2006.01); **C02F 1/02** (2006.01); **C23G 1/36** (2006.01)

CPC (source: EP US)

**C23G 1/36** (2013.01 - EP US); **Y10S 423/01** (2013.01 - EP US)

Cited by

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**EP 94110417 A 19940705**; AT 144993 A 19930721; DE 59400348 T 19940705; JP 15847894 A 19940711; TW 83105776 A 19940625; US 28094594 A 19940727