

Title (en)

A PROCESS FOR RECOVERING ORGANIC AND INORGANIC COMPONENTS FROM A WASTE STREAM

Title (de)

VERFAHREN ZUR RÜCKGEWINNUNG VON ORGANISCHEN UND ANORGANISCHEN KOMPONENTEN AUS EINEM ABFALLSTROM

Title (fr)

PROCEDE DE RECUPERATION DE COMPOSANTS ORGANIQUES ET INORGANIQUES A PARTIR D'UN FLUX DE DECHETS

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Application

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Abstract (en)

[origin: WO2006013228A1] The present invention relates to a process for recovering an organic or inorganic acid, base and/or salt from an aqueous waste solution by cooling crystallisation, which waste solution further contains at least one organic component, comprising the steps of: a. precipitating said organic component by cooling the waste solution within a temperature range of 0 °C to a temperature below the freeze crystallisation point of said organic or inorganic acid, base or salt, b. removing the precipitated product of step (a) by separation from the waste solution, and c. precipitating the desired organic or inorganic acid, base or salt as crystals by cooling further the waste solution obtained from step (b) to the freeze crystallisation point of said organic or inorganic acid, base or salt, and d. recovering the precipitated product of step (c).

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