

Abstract:

PROCESS FOR RECOVERING SULFURIC ACID FROM METALLIC
SULFATE-CONTAINING EXHAUST SULFURIC ACID

In order to efficiently and easily recover a spent sulfuric acid exhasuted, for example, in an acid washing liquid or in producing titanium dioxide by a sulfate method in a large amount, as highly concentrated sulfuric acid, 5 bivalent iron ions in the spent sulfuric acid containing metal sulfate are first oxidized into trivalent iron ions, hydrochloric acid is added to such a liquid and then solvent extraction is carried out.

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