

Title (en)

METHOD FOR TREATING FERROUS SULPHATE

Title (de)

VERFAHREN ZUR BEHANDLUNG VON EISENSULFAT

Title (fr)

PROCEDE DE TRAITEMENT DE SULFATE FERREUX

Publication

**EP 0821656 A1 19980204 (EN)**

Application

**EP 96910049 A 19960412**

Priority

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- FI 951922 A 19950421

Abstract (en)

[origin: WO9633133A1] The invention concerns a method for treating ferrous sulphate for the preparation of ferrous sulphate hydrate usable for chromium reduction in cement manufacture. According to the invention, sulphuric acid containing ferrous sulphate obtained as a side product from titanium dioxide production and which contains at the most appr. 30 % by weight of sulphuric acid, is neutralized with a CaO-containing material, preferably cement, in an amount sufficient to give a pH-value to the end product which is 1.5 to 5, whereby the reaction temperature is allowed to increase to at the most 120 DEG C.

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IPC 8 full level

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