

Title (en)

METHOD FOR PRODUCING BARIUM SULFATE, BARIUM SULFATE AND THE UTILIZATION THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG VON BARIUMSULFAT, BARIUMSULFAT UND VERWENDUNG DES BARIUMSULFATS

Title (fr)

PROCEDE DE PRODUCTION DE SULFATE DE BARYUM, SULFATE DE BARYUM AINSI PRODUIT ET UTILISATION DE CE DERNIER

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0076919A1] The invention relates to a method for the continuous production of micro-crystalline lead sulfate particles, whereby a barium salt solution and a sulfate solution are simultaneously brought into contact with each other in a precipitating suspension and constantly stirred, the precipitating suspension is continuously removed and the barium sulfate precipitation is filtered and washed. In order to produce flake-shaped and/or needle-shaped barium sulfate particles, the barium salt solution concentration ranges between 0.1 to 0.8 Ba²⁺ mol/l and the sulfuric acid concentration ranges between 0.1 to 2.0 SO₄²⁻ mol/l, whereby throughput and stirring speeds are adjusted at a constant precipitation volume in such a way that a pH value of 1 to 9 is obtained in the precipitating suspension.

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C01F 11/46

IPC 8 full level

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