

Title (en)

METHOD FOR PURIFYING IMPURE ALUMINIUM OXIDE BY THERMAL TREATMENT

Title (de)

VERFAHREN ZUR REINIGUNG VON VERUNREINIGTEM ALUMINIUMOXID DURCH THERMISCHE BEHANDLUNG

Title (fr)

PROCEDE DE PURIFICATION D'OXYDE D'ALUMINIUM PAR TRAITEMENT THERMIQUE

Publication

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Application

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Abstract (en)

[origin: WO9532153A1] The invention relates to a method for preparing impure aluminium oxide. In accordance with the invention, impure, granular or ground aluminium oxide is subjected to thermal treatment at a temperature of 500-900 DEG C. The thermally-treated aluminium oxide is dissolved in concentrated acid at a raised temperature, is diluted with water, and when necessary, is filtered and centrifugated in order to remove undissolved components. Aluminium salts purified with the method of the invention are suitable to be used as water purifying and retention agents.

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