

Title (en)

METHOD FOR THE REDUCTION OF THE SOLUBLE CHROMATE CONCENTRATION IN CEMENT, AND PREPARATION COMPRISING CEMENT AND WATER-SOLUBLE METAL SULFATES

Title (de)

VERFAHREN ZUR REDUKTION DES LÖSLICHEN CHROMATGEGHALTES IN ZEMENT SOWIE EINE ZUBEREITUNG AUS ZEMENT UND WASSERLÖSLICHEN METALLSULFATEN

Title (fr)

PROCEDE DE REDUCTION DE LA TENEUR EN CHROMATE SOLUBLE DANS DU CIMENT ET PREPARATION COMPOSEE DE CIMENT ET DE SULFATES METALLIQUES SOLUBLES DANS L'EAU

Publication

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Application

**EP 05813617 A 20051130**

Priority

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Abstract (en)

[origin: WO2006061127A1] The aim of the invention is to create an iron (II) sulfate-containing reducing agent which is to be used especially for reducing the chromate concentration in cement as well as a suitable method for producing said reducing agent. Said aim is achieved by a method for producing an iron(II) sulfate-containing reducing agent, according to which iron(II) sulfate-containing salts are crystallized from an iron(II) sulfate-containing sulfuric acid, and the obtained suspension (thick sludge) that comprises the iron(II) sulfate-containing salts and the sulfuric acid is reacted directly with iron and/or one or several iron compounds so as to obtain the iron(II) sulfate-containing reducing agent without separating the sulfuric acid from the iron(II) sulfate-containing salts.

IPC 8 full level

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