

Title (en)

ADDITIVE FOR REDUCING HEXAVALENT CHROMIUM, METHOD FOR OBTAINING SAME AND APPLICATIONS OF SAID ADDITIVE PARTICULARLY IN CEMENT-BASED PRODUCTS

Title (de)

ZUSATZ ZUR REDUZIERUNG VON HEXAVALENTEM CHROM, VERFAHREN ZU DESSEN GEWINNUNG UND ANWENDUNGEN DIESES ZUSATZES INSBESONDERE IN PRODUKTEN AUF ZEMENTBASIS

Title (fr)

ADDITIF DE RÉDUCTION DU CHROME HEXAVALENT, SON PROCÉDÉ D'OBTENTION, ET APPLICATIONS DE CET ADDITIF NOTAMMENT DANS LES PRODUITS À BASE DE CEMENTS.

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Application

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Abstract (en)

[origin: WO2009004219A2] The invention relates to an additive for reducing hexavalent chromium in products such as, in particular, cement, slag or gypsum, that comprises a stabilised aqueous solution of a chromium reducing agent, containing: water; a chromium reducing agent such as heptahydrated ferrous sulphate; an acid; an oxygen reducing agent dissolved in excess in water. The solution may have a pH from 4 to 6. In order to improve the grinding, the additive may further include ethanalamine. The additive can be sprayed on cement during grinding, or added in a concrete mixer.

IPC 8 full level

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