

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.

Publication

EP 2162407 A2 20100317 (FR)

Application

EP 08805983 A 20080612

Priority

- FR 2008051048 W 20080612
- FR 0704153 A 20070612

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

C04B 22/14 (2006.01); **C04B 40/00** (2006.01)

CPC (source: EP)

C04B 22/149 (2013.01); **C04B 40/0039** (2013.01); **C04B 2103/52** (2013.01); **C04B 2111/1081** (2013.01)

Citation (search report)

See references of WO 2009004219A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

FR 2917401 A1 20081219; **FR 2917401 B1 20100813**; EP 2162407 A2 20100317; WO 2009004219 A2 20090108; WO 2009004219 A3 20090212

DOCDB simple family (application)

FR 0704153 A 20070612; EP 08805983 A 20080612; FR 2008051048 W 20080612