

Title (en)

Process for treatment of residues containing chromium (VI)

Title (de)

Verfahren zur Behandlung von Chrom(VI)-haltigen Rückständen

Title (fr)

Procédé pour le traitement de résidus contenant du chrome (VI)

Publication

EP 1123719 A2 20010816 (DE)

Application

EP 00128428 A 20001228

Priority

DE 10000709 A 20000110

Abstract (en)

[origin: DE10000709A1] Treatment of residues containing chromium(VI) compounds from chemical, metallurgical and incineration processes comprises mixing the residues with additive(s) selected from ferrous sulfate mono- to heptahydrate, ferrous chloride, ferrous ammonium sulfate mono- to heptahydrate and manganous sulfate in a medium with pH greater than 4. Treatment of residues containing chromium(VI) compounds from chemical, metallurgical and incineration processes comprises mixing the residues with additive(s) selected from ferrous sulfate mono- to heptahydrate ($\text{FeSO}_4 \cdot n\text{H}_2\text{O}$), ferrous chloride (FeCl_2), ferrous ammonium sulfate mono- to heptahydrate ($\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot n\text{H}_2\text{O}$) and manganous sulfate (MnSO_4) $n = 1-7$ in a medium with pH greater than 4.

[origin: DE10000709A1] Treatment of residues containing chromium(VI) compounds from chemical, metallurgical and incineration processes comprises mixing the residues with additive(s) selected from ferrous sulfate mono- to heptahydrate, ferrous chloride, ferrous ammonium sulfate mono- to heptahydrate and manganous sulfate in a medium with pH greater than 4. Treatment of residues containing chromium(VI) compounds from chemical, metallurgical and incineration processes comprises mixing the residues with additive(s) selected from ferrous sulfate mono- to heptahydrate ($\text{FeSO}_4 \cdot n\text{H}_2\text{O}$), ferrous chloride (FeCl_2), ferrous ammonium sulfate mono- to heptahydrate [$\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot n\text{H}_2\text{O}$] and manganous sulfate (MnSO_4) $n : 1-7$ in a medium with pH greater than 4.

Abstract (de)

Um den Chrom(VI)-Gehalt von Rückständen aus chemischen, metallurgischen und Verbrennungsprozessen zu senken, wird der Rückstand mit einem oder mehreren der Stoffe Eisensulfat, Eisenchlorid, Eisenammoniumsulfat und Mangansulfat versetzt.

IPC 1-7

A62D 3/00

IPC 8 full level

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CPC (source: EP)

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