

## Title (en)

USE OF A HYDRAULIC BINDER COMPOSITION IN A METHOD FOR INERTING POLLUTED SOIL

## Title (de)

VERWENDUNG EINER HYDRAULISCHEN BINDEMittelZUSAMMENSETZUNG IN EINEM VERFAHREN ZUR INERTISIERUNG VON VERUNREINIGTEM ERDBODEN

## Title (fr)

UTILISATION D'UNE COMPOSITION À BASE DE LIANT HYDRAULIQUE DANS LE CADRE D'UN PROCÉDÉ D'INERTAGE DE SOL POLLUÉ

## Publication

**EP 3755475 A1 20201230 (FR)**

## Application

**EP 19711961 A 20190219**

## Priority

- FR 1851436 A 20180220
- FR 2019050367 W 20190219

## Abstract (en)

[origin: WO2019162605A1] The invention relates to the use of a composition comprising: 40 to 99% of a sulfoaluminous clinker containing, as a phasic composition, in relation to the total weight of the clinker: 5 to 80% of an optionally iron-doped calcium sulfoaluminate phase of formula  $C_4AxFy\$z$ , where x varies from 2 to 3, y varies from 0 to 0.5 and z varies from 0.8 to 1.2; 0 to 25% of a calcium aluminoferrite phase of a composition of general formula  $C_6Ax'Fy'$ , where x' varies from 0 to 1.5 and y' varies from 0.5 to 3; and 10 to 70% of a C2S belite phase; and 1 to 60% of lime; in a method for inerting polluted soil. The invention also relates to a composition for inerting polluted soil, comprising: 70 to 98% of a sulfoaluminous clinker containing, as a phasic composition, in relation to the total weight of the clinker: 5 to 60 % of an optionally iron-doped calcium sulfoaluminate phase of formula  $C_4AxFy\$z$ , where x varies from 2 to 3, y varies from 0 to 0.5 and z varies from 0.8 to 1.2; 0 to 25% of a calcium aluminoferrite phase of a composition of general formula  $C_6Ax'Fy'$ , where x' varies from 0 to 1.5 and y' varies from 0.5 to 3; and 20 to 70% of a C2S belite phase; and 2 to 30% of lime.

## IPC 8 full level

**B09C 1/08** (2006.01); **C04B 7/32** (2006.01); **C04B 28/06** (2006.01); **C04B 111/00** (2006.01)

## CPC (source: EP US)

**B09C 1/08** (2013.01 - EP US); **C04B 7/323** (2013.01 - EP); **C04B 22/064** (2013.01 - US); **C04B 22/14** (2013.01 - US); **C04B 28/065** (2013.01 - EP US); **C09K 17/10** (2013.01 - US); **C04B 2111/00732** (2013.01 - US); **C04B 2111/00767** (2013.01 - EP); **Y02P 40/10** (2015.11 - EP); **Y02W 30/91** (2015.05 - EP)

## Citation (search report)

See references of WO 2019162605A1

## Designated contracting state (EPC)

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## DOCDB simple family (application)

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