

Title (en)  
STABILIZATION OF HAZARDOUS MATERIALS

Title (de)  
STABILISIERUNG VON GEFÄHRLICHEN MATERIALIEN

Title (fr)  
STABILISATION DE MATIÈRES DANGEREUSES

Publication  
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Application  
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Abstract (en)  
[origin: WO2019000091A1] This invention relates to stabilization and/or solidification of hazardous materials which might be generated by activities like mining, milling or smelting industrial operations, such as arsenical wastes (such as scorodite, arsenic sulfides, calcium arsenates or arsenites, mixed calcium arsenates-phosphates, ferrous arsenate, ferric arsenite, or arsenic trioxide), antimony, mercury or selenium-containing wastes through the encapsulation of said arsenical wastes in the mineralized products of hydrolyzed aluminum gels created through the partial neutralization of A1(SO4)1.5 by a carbonate.

IPC 8 full level  
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**B09B 3/20** (2022.01 - EP US); **B09B 3/25** (2022.01 - EP US); **B09C 1/08** (2013.01 - EP)

Citation (search report)  
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**WO 2019000091 A1 20190103**; AU 2018292424 A1 20200213; AU 2018292424 B2 20230928; CA 3096126 A1 20190103;  
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