

Title (en)

USE OF GRANULATED NATURAL MINERALS AS GAS ADSORBENTS FOR REMOVING GASEOUS POLLUTANT COMPONENTS

Title (de)

VERWENDUNG VON NATÜRLICHEN MINERALISCHEN GRANULATEN ALS GASADSORBER ZUR BESEITIGUNG VON GASFÖRMIGEN SCHADSTOFFKOMPONENTEN

Title (fr)

UTILISATION DE GRANULÉS MINÉRAUX NATURELS COMME ADSORBEURS DE GAZ POUR L'ÉLIMINATION DE COMPOSANTS TOXIQUES GAZEUX

Publication

**EP 2558194 A2 20130220 (DE)**

Application

**EP 11719762 A 20110412**

Priority

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Abstract (en)

[origin: WO2011128073A2] The invention relates to the use of a granulated mineral or mineral agglomerate which contains naturally occurring smectite-rich clays and/or bentonites having a proportion of swellable three-sheet silicates and/or naturally occurring nanohalloysites, where the granulated mineral or mineral agglomerate has not been chemically treated and is free of additives, as gas adsorbent for removing ozone, siloxanes, formaldehyde, mercaptans, hydrocarbons and organic amines from waste air/offgas, natural gas and gaseous energy carriers.

IPC 8 full level

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Citation (search report)

See references of WO 2011128073A2

Cited by

US11229897B2; US10906024B2

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