

Title (en)
ADSORBENT PARTICLES, PREPARATION METHOD AND TREATMENT OF SOILS POLLUTED BY HYDROCARBONS USING SAID PARTICLES

Title (de)
ADSORBENTPARTIKEL, HERSTELLUNGSVERFAHREN UND BEHANDLUNG VON DURCH KOHLENWASSERSTOFFE VERSCHMUTZTEM ERDREICH UNTER VERWENDUNG DER PARTIKEL

Title (fr)
PARTICULES ADSORBANTES, PROCEDE DE PREPARATION ET PROCEDE DE TRAITEMENT DES SOLS POLLUES PAR LES HYDROCARBURES A L'AIDE DESDITES PARTICULES

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Application
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Abstract (en)
[origin: WO0242017A1] The invention concerns a method for preparing adsorbent particles formed from expanded plastic material, said particles comprising open cell-like structures, characterised in that it consists in rasping fine agglomerated smooth-surface shavings from material consisting of beads of said expanded plastic material. The invention also concerns adsorbent particles formed from said expanded plastic materials derived from open-surface cell-like structures, characterised in that they are in the form of fine shavings having a dimension ranging preferably between 0.8 and 4 mm said open cell-like structures representing more than 80 % of the visible surface of said shavings. The method for treating soils polluted by hydrocarbons comprises the following steps which consist in: 1) mixing said polluted soils with the inventive adsorbent particles, and 2) separating said adsorbent particles loaded with hydrocarbons and the depolluted soils.

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EP2796526A1; WO2014173988A1

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