

Title (en)

Process for the preparation of a solid carbon-containing material having a sorption capacity for metal ions.

Title (de)

Verfahren zur Herstellung eines festen kohlenstoffhaltigen Materials mit Sorptionsvermögen für Metallionen.

Title (fr)

Procédé de préparation d'une matière solide contenant du carbone ayant un pouvoir de sorption pour des ions métalliques.

Publication

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Application

EP 78200033 A 19780609

Priority

NL 7706879 A 19770622

Abstract (en)

Process for the preparation of a solid carbon-containing material having a sorption capacity for metal ions. <??>The invention concerns a process of preparing solid metal sorbents from cheap carbonaceous material, like rubber waste, peat, coal or petroleum coke. The material is first mixed with sulphur and heated at 120-500 DEG C and then subjected to a treatment with an aqueous alkali solution. <??>Optionally and prior to the latter treatment a moderate oxidizing step is included. The resulting solid product is an excellent metal sorbent for effluent treatment and the like.

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Citation (search report)

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