

Title (en)

ENVIRONMENTALLY-FRIENDLY OIL BINDING AGENT FOR USE ON LIQUIDS AND LAND

Title (de)

UMWELTVERTRÄGLICHES ÖLBINDEMITELE FÜR FLÜSSIGKEITEN UND BÖDEN

Title (fr)

AGENT SE LIANT AU PÉTROLE, SANS DANGER POUR L'ENVIRONNEMENT, POUR DES LIQUIDES ET DES SOLS

Publication

EP 2029691 A1 20090304 (DE)

Application

EP 07725452 A 20070523

Priority

- EP 2007004552 W 20070523
- CH 8672006 A 20060524

Abstract (en)

[origin: WO2007134822A1] The invention relates to a binding agent or detergent builder based on a plastic, such as polystyrene, in the form of a homopolymer, copolymer or inorganic polymer, which can be obtained for use as an adsorption compound from the comminuted plastic or inorganic polymer and at least one vegetable oil, vegetable oil constituent or vegetable oil derivative. To produce the binding agent or detergent builder, the plastic or inorganic polymer is left to react in chip form or as a fine dispersion with the vegetable oil, vegetable oil constituent or vegetable oil derivative and the modified plastic or polymer is then reacted with the same oil or another vegetable oil, vegetable oil constituent or vegetable oil derivative. The binding agent or detergent builder can be used as an adhesive or sealant, an additive in construction materials, to produce an essentially uniform granulate with a high flowability and bulk density, or as a constituent of detergents or cleaning agents and as an initial or intermediate product for cosmetics and skin care products.

IPC 8 full level

C09K 3/32 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 200713482A1

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DOCDB simple family (application)

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