

Title (en)

SORBENT IN GRANULATED FORM HAVING A MIXTURE OF THREE DIFFERENT CLAY MATERIALS

Title (de)

SORPTIONSMITTEL IN GRANULATFORM MIT EINER MISCHUNG AUS DREI VERSCHIEDENEN TONMATERIALIEN

Title (fr)

MOYEN DE SORPTION SOUS FORME DE GRANULAT AYANT UN MÉLANGE DE TROIS MATÉRIAUX ARGILEUX DIFFÉRENTS

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Application

EP 15797906 A 20151112

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Abstract (en)

[origin: WO2016075233A1] The invention relates to a method for producing a sorbent of a granular form, comprising the following steps: (a) providing a first clay material (A) having a grain size of between 0.5 and 4.75 mm, wherein the clay material is produced by crushing and subsequent size fractionation; (b) providing a second clay material (B) having a particle size of between 0.5 and 5.0 mm, wherein the clay material has been produced by crushing and subsequent size fractionation, and wherein the clay material has been activated with an acid or alkali metal salt, in particular soda; (c) providing a clay material (C) having a particle size of 0.1 to 3.5 mm, wherein the clay material comprises round granules produced in a granulating mixer, and wherein the clay material has been activated with an acid or alkali metal salt, in particular soda; (d) mixing the clay materials (A), (B) and (C) in any desired sequence, wherein the sorbent contains approximately 40 to 60 parts by weight of the clay material (A), approximately 30 to 50 parts by weight of the clay material (B) and approximately 5 to 20 parts by weight of the clay material (C).

IPC 8 full level

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