

Title (en)

ADSORPTION AGENT, IN PARTICULAR FOR ADSORBING PROTEINS FROM LIQUIDS CONTAINING PROTEIN

Title (de)

ADSORPTIONSMITTEL, INSBESONDERE ZUR ADSORPTION VON EIWEISS AUS EIWEISSHALTIGEN FLÜSSIGKEITEN

Title (fr)

AGENT D'ADSORPTION, EN PARTICULIER POUR L'ADSORPTION DE PROTÉINES

Publication

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Application

EP 06723708 A 20060324

Priority

- EP 2006002729 W 20060324
- DE 102005019089 A 20050425

Abstract (en)

[origin: DE102005019089A1] Adsorption agent (A), preferably for absorption of protein and/or turbid materials in the protein liquid, comprises a semitic silicate layer, where the layer has: an abrasive auxiliary material (less than 0.2 wt. %) with a wet sieve residue of 25 µm; a particle size of less than 12 µm; a cationic exchange ability of at least 75mVal/100 g; and an ammonium ion of less than 4 meq/100 g. Independent claims are also included for: (1) preparation of (A); (2) a liquid, preferably drinks, whose protein content is removed by the above process; and (3) cleaning, purifying and/or stabilizing the liquids (preferably drinks) comprising contacting protein and/or turbid materials with (A); and removing the protein and turbid materials by ultrafiltration.

IPC 8 full level

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CPC (source: EP)

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