

Title (en)

METHOD FOR THE ELECTROCHEMICAL REDUCTION OF VAT AND SULPHUR DYES

Title (de)

VERFAHREN ZUR ELEKTROCHEMISCHEN REDUKTION VON KÜPEN- UND SCHWEFELFARBSTOFFEN

Title (fr)

PROCEDE DE REDUCTION ELECTROCHIMIQUE DE COLORANTS DE CUVE ET AU SOUFRE

Publication

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Application

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Abstract (en)

[origin: WO2004042138A1] The invention relates to a method for the electrochemical reduction of vat or sulphur dyes, by bringing the dye (1) into contact with a modified cathode (2), comprising a support (3) made from an electrically-conducting material with a large surface area on which a redox-active substance (4) is permanently immobilised. Substances with quinoid structures, in particular, an anthraquinoid structure are preferably applied in the above. No toxic contamination and greatly reduced salt loads in the effluent are achieved by means of the above method.

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