

Title (en)

METHOD FOR PREPARING TETRA-ALKYLTHIURAM DISULPHIDES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TETRAALKYLTHIURAMDISUFIDEN

Title (fr)

PROCEDE DE PREPARATION DE DISULFURES DE TETRA-ALKYLTHIURAME

Publication

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Application

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Abstract (en)

[origin: WO0048995A1] The invention concerns a method for preparing tetra-alkylthiuram disulphides, which consists in: oxidising dialkylammonium dialkylthiocarbamate in an aqueous solution with oxygen, with addition of carbon disulphides, the reaction being carried out in the presence of a metal catalyst and a dispersing agent, at a pH value of the reaction mixture ranging between 7.0 and 8.0. The method enables to obtain very pure tetra-alkylthiuram disulphide, for rubber vulcanisation, and at a higher concentration in the reaction mixture, thereby enabling it to be used directly for formulations designed for agricultural chemistry.

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