

Title (en)

PROCESS FOR PREPARING THIOPHENE AND ITS DERIVATIVES.

Title (de)

VERFAHREN ZUR HERSTELLUNG VON THIOPHEN UND SEINEN DERIVATEN.

Title (fr)

PROCEDE D'ELABORATION DU THIOPHENE ET DE SES DERIVES.

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Application

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Abstract (en)

[origin: WO9214724A1] In the process according to the invention for the preparation of thiophene and particularly a thiophene, the non-sulphur bound carbon of which is substituted, the product is produced by treating succinic anhydride or especially substituted succinic anhydride with a sulphur compound. The sulphur compound is preferably a sulphur compound, which contains phosphorus, such as phosphorus pentasulphide. The stated treatment with a sulphur compound forms according to one embodiment the end stage of the process, in which 1-alkene is attached to maleic anhydride to give an 1-alkenyl-succinic anhydride, the 1-alkenylsuccinic anhydride is hydrogenated catalytically to produce an alkylsuccinic anhydride and the alkylsuccinic anhydride is treated with the above-mentioned sulphur compound to give a thiophene, the non-sulphur bound carbon of which, e.g. 3-carbon, is substituted.

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