

Title (en)

PROCESS FOR PRODUCING LOW-VISCOSITY AQUEOUS ESTERQUAT CONCENTRATES

Title (de)

VERFAHREN ZUR HERSTELLUNG NIEDRIGVISKOSER WÄSSRIGER ESTERQUAT-KONZENTRATE

Title (fr)

PROCEDE DE FABRICATION DE CONCENTRES AQUEUX, DE FAIBLE VISCOSITE, D'ESTERS QUATERNISES

Publication

EP 0625184 B1 19951220 (DE)

Application

EP 93917366 A 19930129

Priority

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- EP 9300203 W 19930129

Abstract (en)

[origin: WO9316157A1] Low-viscosity aqueous esterquat concentrates are obtained by adding to aqueous solutions of quaternised di-fatty acid trialkanol amine esters of formula (I), in which R¹CO is an aliphatic, linear or branched saturated acyl radical with 6 to 22 carbon atoms, [Z] is an ethylene, propylene or isopropylene group and X is chloride, bromide, sulphate, methosulphate or phosphate, at least one viscosity regulator selected from the group formed by a) quaternised unsaturated di-fatty acid trialkanol amine ester salts, b) quaternised fatty acid amidoamine salts, c) diquaternised fatty acid triethanol amine ester salts.

IPC 1-7

C11D 1/62; **C11D 3/00**; **D06M 13/463**; **D06M 13/467**

IPC 8 full level

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CPC (source: EP)

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