

Title (en)

NOVEL SULFOBETAINE MONOMERS, PROCESS FOR PREPARING SAME, AND USES THEREOF

Title (de)

NEUARTIGE SULFOBETAINE-MONOMERE, VERFAHREN ZUM HERSTELLEN DERSELBEN UND VERWENDUNG DAVON

Title (fr)

NOUVEAUX MONOMERES SULFOBETAINE, PROCEDE DE PREPARATION ET LEURS UTILISATIONS

Publication

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Application

EP 20845203 A 20201215

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Abstract (en)

[origin: CA3159431A1] The invention relates to a novel sulfobetaine monomer and to a process for the preparation thereof, advantageously by reaction between a vinyl-amine compound and a vinyl-sulfonic acid compound, preferably in the presence of a solubilizing agent. The invention also relates to the (co)polymers obtained from this novel type of sulfobetaine monomer, and to the use thereof, for example as a flocculant, dispersing agent, thickening agent, absorbent agent or friction-reducing agent.

IPC 8 full level

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CPC (source: EP KR US)

C02F 1/56 (2013.01 - EP); **C02F 11/147** (2018.12 - EP); **C07C 303/32** (2013.01 - KR US); **C07C 309/15** (2013.01 - EP KR US); **C08F 220/34** (2013.01 - EP KR US); **C08F 220/387** (2020.02 - EP KR US); **C08F 220/56** (2013.01 - EP KR US); **C09K 8/584** (2013.01 - US); **C09K 8/588** (2013.01 - EP KR US); **C09K 8/604** (2013.01 - US); **C09K 8/685** (2013.01 - US); **C09K 23/34** (2022.01 - US); **C11D 1/92** (2013.01 - US); **C11D 3/0026** (2013.01 - EP KR); **C11D 3/3796** (2013.01 - EP KR); **D21H 17/37** (2013.01 - EP); **D21H 17/375** (2013.01 - EP KR); **D21H 17/45** (2013.01 - EP); **D21H 17/455** (2013.01 - EP KR US); **D21H 21/10** (2013.01 - EP KR US); **C07B 2200/13** (2013.01 - EP KR US); **C08F 2800/10** (2013.01 - US); **C08F 2810/20** (2013.01 - US); **C09K 2208/28** (2013.01 - EP US)

Citation (search report)

See references of WO 2021123599A1

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