

Title (en)

SOLUTION OF CELLULOSE IN A QUATERNARY AMMONIUM COMPOUND AND A CO-SOLVENT

Title (de)

LÖSUNG VON CELLULOSE IN EINER QUATERNÄREN AMMONIUMVERBINDUNG UND EINEM CO-LÖSUNGSMITTEL

Title (fr)

SOLUTION DE CELLULOSE DANS UN COMPOSÉ D'AMMONIUM QUATERNAIRE ET CO-SOLVANT

Publication

EP 4045000 A1 20220824 (EN)

Application

EP 20789553 A 20201007

Priority

- EP 19203057 A 20191014
- EP 2020078043 W 20201007

Abstract (en)

[origin: WO2021073961A1] A polysaccharide solution comprising a) less than 15 % by weight of cellulose based on the weight of the solution b) a quaternary ammonium compound of formula I wherein R1 to R4 independently from each other represent organic groups with 1 to 20 carbon atoms and X- represents an anion with a carboxylate group and optionally X represents chloride as anion, and c) at least 50 % by weight of acetonitrile based on the weight of the solution, characterized in that the ratio of the amount of a) cellulose to b) the quaternary ammonium compound is 1:10 to 1:3, preferably 1:7 to 1:3, more preferably 1:5 to 1:3, most preferably 1:3.5 to 1: 3.

IPC 8 full level

A61K 8/41 (2006.01); **A61K 8/73** (2006.01); **A61Q 19/00** (2006.01); **C08B 1/00** (2006.01); **C08L 1/02** (2006.01)

CPC (source: EP)

C08B 1/003 (2013.01); **C08L 1/02** (2013.01)

Citation (search report)

See references of WO 2021073961A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2021073961 A1 20210422; EP 4045000 A1 20220824

DOCDB simple family (application)

EP 2020078043 W 20201007; EP 20789553 A 20201007