

Title (en)

THICKENING AGENT FOR A HYDRO-ALCOHOLIC COMPOSITION

Title (de)

VERDICKEUNGSMITTEL FÜR EINE HYDROALKOHOLISCHE ZUSAMMENSETZUNG

Title (fr)

AGENT EPAISSANT POUR COMPOSITION HYDRO-ALCOOLIQUE

Publication

EP 4188970 A1 20230607 (FR)

Application

EP 21762068 A 20210729

Priority

- FR 2008245 A 20200803
- FR 2021000087 W 20210729

Abstract (en)

[origin: WO2022029372A1] The invention relates to a thickening agent P for an aqueous composition, in particular for a hydro-alcoholic composition. The thickening agent P is prepared in the absence of acrylamide by a polymerisation reaction using N-methylol acrylamide or one of the derivatives thereof, an acid and an acid ester. A specific condensate of (meth)acrylic acid and N-methylol acrylamide are part of the invention. The invention also provides a hydro-alcoholic composition, the viscosity of the hydro-alcoholic composition being controlled.

IPC 8 full level

C08F 220/18 (2006.01); **A61K 8/04** (2006.01); **C08F 220/58** (2006.01)

CPC (source: EP US)

C08F 2/26 (2013.01 - EP); **C08F 220/1802** (2020.02 - EP); **C08F 220/1804** (2020.02 - EP); **C08F 220/58** (2013.01 - EP US);
C09D 133/08 (2013.01 - EP); **C11D 3/3765** (2013.01 - EP); **C11D 3/3773** (2013.01 - EP); **D21H 17/37** (2013.01 - EP)

Citation (search report)

See references of WO 2022029372A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3113057 A1 20220204; FR 3113057 B1 20230929; CN 116096342 A 20230509; EP 4188970 A1 20230607; US 2023287162 A1 20230914;
WO 2022029372 A1 20220210

DOCDB simple family (application)

FR 2008245 A 20200803; CN 202180057548 A 20210729; EP 21762068 A 20210729; FR 2021000087 W 20210729;
US 202118005893 A 20210729