

Title (en)

METHOD FOR FUNCTIONALIZING ACRYLATE POLYMERS IN THE ABSENCE OF A SOLVENT, AND MODIFIED ACRYLATE POLYMERS OBTAINABLE BY SAID METHOD

Title (de)

VERFAHREN ZUR FUNKTIONALISIERUNG VON ACRYLAT-POLYMEREN IN ABWESENHEIT EINES LÖSUNGSMITTEL UND DURCH DAS VERFAHREN ERHÄLTICHE MODIFIZIERTE ACRYLAT-POLYMERE

Title (fr)

PROCÉDÉ DE FONCTIONNALISATION DE POLYMÈRES D'ACRYLATE EN ABSENCE DE SOLVANT ET POLYMÈRES D'ACRYLATE MODIFIÉS POUVANT ÊTRE OBTENUS PAR CE PROCÉDÉ

Publication

EP 3596139 A1 20200122 (DE)

Application

EP 18711940 A 20180316

Priority

- DE 102017105755 A 20170317
- EP 2018056758 W 20180316

Abstract (en)

[origin: WO2018167310A1] Disclosed is a method for functionalizing acrylate polymers using a functionalizing agent at temperatures of 50 °C to 350 °C, said agent containing at least one primary or secondary amino group which is reacted with a carboxyl group of the acrylate polymers to obtain an amide function, the reaction taking place in the absence of a solvent. Also disclosed are modified acrylate polymers that can be obtained by said method.

IPC 8 full level

C08F 8/32 (2006.01); **C08F 20/06** (2006.01); **C08F 20/10** (2006.01); **C08F 22/10** (2006.01); **C08F 120/18** (2006.01); **C08G 81/02** (2006.01); **C08J 3/24** (2006.01)

CPC (source: EP US)

C08F 8/32 (2013.01 - EP US); **C08F 2810/20** (2013.01 - EP)

C-Set (source: EP)

C08F 8/32 + C08F 120/18

Citation (search report)

See references of WO 2018167310A1

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 2018167310 A1 20180920; DE 102017105755 A1 20180920; EP 3596139 A1 20200122

DOCDB simple family (application)

EP 2018056758 W 20180316; DE 102017105755 A 20170317; EP 18711940 A 20180316