

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

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DOCDB simple family (publication)  
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