

Title (en)

PROCESS FOR PRODUCING A STABLE EMULSION OF ALKENYL SUCCINIC ANHYDRIDE (ASA) IN AN AQUEOUS SOLUTION OF CATIONIC AMYLACEOUS MATERIAL, EMULSION OBTAINED AND USE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER STABILEN EMULSION AUS ALKENYLBERNSTEINSÄUREANHYDRID IN EINER WÄSSRIGEN LÖSUNG AUS EINEM KATIONISCHEN STÄRKEHALTIGEN MATERIAL, HERGESTELLTE EMULSION UND VERWENDUNG DAVON

Title (fr)

PROCEDE DE FABRICATION D'UNE EMULSION STABLE D'ANHYDRIDE ALKENYLE SUCCINIQUE (ASA) DANS UNE SOLUTION AQUEUSE DE MATIERE AMYLACEE CATIONIQUE, EMULSION OBTENUE ET SON UTILISATION

Publication

EP 2904146 B1 20170705 (FR)

Application

EP 13782800 A 20131004

Priority

- FR 1259423 A 20121004
- FR 2013052365 W 20131004

Abstract (en)

[origin: WO2014053788A1] The present invention relates to a method for producing an emulsion of alkenyl succinic anhydride (ASA) in an aqueous solution of cationic amylaceous material; this process does not implement a loop for recirculating the product at the level of the emulsifying unit, and performs a dilution of the emulsion once the latter has been produced; a product which has a particle size that is simultaneously fine, monodisperse and stable over time is achieved. An effective process which is simple to implement, in particular on a paper production site, for providing an emulsion which may be stored during the periods when the paper machine is stopped for cleaning or maintenance operations, is thus provided.

IPC 8 full level

D21H 17/15 (2006.01); **C09K 23/52** (2022.01); **D21H 17/29** (2006.01)

CPC (source: EP)

D21H 17/16 (2013.01); **D21H 17/28** (2013.01)

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

DOCDB simple family (publication)

WO 2014053788 A1 20140410; EP 2904146 A1 20150812; EP 2904146 B1 20170705; ES 2641534 T3 20171110; FR 2996555 A1 20140411; FR 2996555 B1 20141205; PT 2904146 T 20171003

DOCDB simple family (application)

FR 2013052365 W 20131004; EP 13782800 A 20131004; ES 13782800 T 20131004; FR 1259423 A 20121004; PT 13782800 T 20131004