Title (en)

CONTINOUS PROCESS FOR THE PREPARATION OF A WATER REDISPERSIBLE POLYMER POWDER FORMULATION

Title (de)

KONTINUIERLICHES UND MODULARES VERFAHREN ZUR HERSTELLUNG VON IN WASSER REDISPERGIERBAREN POLYMERPULVERZUSAMMENSETZUNGEN

Title (fr)

PROCÉDÉ CONTINU ET MODULAIRE DESTINÉ À FABRIQUER DES COMPOSITIONS DE POUDRES POLYMÈRES REDISPERSIBLES DANS L'EAU

Publication

EP 3538565 A1 20190918 (DE)

Application

EP 16823276 A 20161221

Priority

EP 2016082191 W 20161221

Abstract (en)

[origin: WO2018113955A1] The invention relates to a method for producing polymer powder compositions which are redispersible in water and which are based on polymerisates of one or more ethylenically unsaturated monomers. In a first step, an aqueous polymerisate dispersion is produced by means of a radically initiated polymerization of one or more ethylenically unsaturated monomers in an aqueous medium, said polymerisate dispersion being converted into the polymer powder composition which is redispersible in water by means of a drying process. The invention is characterized in that the polymerization and the drying process are each carried out in a continuous manner, and the polymerization and the drying process are carried out in separate interconnected modules.

IPC 8 full level

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CPC (source: EP US)

B29B 9/10 (2013.01 - EP); **C08F 2/01** (2013.01 - US); **C08F 2/22** (2013.01 - EP US); **C08J 3/122** (2013.01 - EP US); B29B 2009/163 (2013.01 - EP)

Citation (search report)

See references of WO 2018113955A1

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