

Title (en)
PROCESS FOR INHIBITING THE UNDESIRE FREE-RADICAL POLYMERIZATION OF ACRYLIC ACID PRESENT IN A LIQUID PHASE P

Title (de)
VERFAHREN ZUR HEMMUNG DER UNERWÜNSCHTEN RADIKALISCHEN POLYMERISATION VON IN EINER FLÜSSIGEN PHASE P BEFINDLICHER ACRYLSÄURE

Title (fr)
PROCÉDÉ D'INHIBITION DE LA POLYMÉRISATION RADICALAIRE INDÉSIRABLE DE L'ACIDE ACRYLIQUE PRÉSENT DANS UNE PHASE LIQUIDE P

Publication
EP 4126808 A1 20230208 (DE)

Application
EP 21714113 A 20210318

Priority
• EP 20165913 A 20200326
• EP 2021056934 W 20210318

Abstract (en)
[origin: WO2021191042A1] Process for inhibiting the undesired free-radical polymerization of acrylic acid present in a liquid phase P, wherein the acrylic acid content of P is at least 10% by weight, the liquid phase P contains in the range from 25 to 1000 ppmw of glyoxal based on the weight of the acrylic acid present in P and the liquid phase P is admixed with protoanemonin in an amount so as to result in a protoanemonin content in the range from 0.5 to 100 ppmw based on the weight of the acrylic acid present in P, and a liquid phase P, wherein the acrylic acid content of P is at least 10% by weight and the liquid phase P contains in the range from 25 to 1000 ppmw of glyoxal and in the range from 0.5 to 100 ppmw of protoanemonin in each case based on the weight of the acrylic acid present in P.

IPC 8 full level
C07C 51/50 (2006.01); **C07C 57/075** (2006.01)

CPC (source: EP US)
C07C 51/47 (2013.01 - US); **C07C 51/50** (2013.01 - EP US)

Citation (search report)
See references of WO 2021191042A1

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Designated extension state (EPC)
BA ME

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KH MA MD TN

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EP 2021056934 W 20210318; CN 202180023764 A 20210318; EP 21714113 A 20210318; JP 2022557961 A 20210318; US 202117913447 A 20210318