

Title (en)

METHOD AND DEVICE FOR CONTROLLING THE TEMPERATURE OF REACTION MIXTURES IN AN AGITATION OPERATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR TEMPERIERUNG VON REAKTIONSGEMISCHEN IM SCHÜTTEL BETRIEB

Title (fr)

PROCÉDÉ ET DISPOSITIF DE RÉGULATION DE LA TEMPÉRATURE DE MÉLANGES RÉACTIONNELS EN MODE D'AGITATION

Publication

EP 3917672 A1 20211208 (DE)

Application

EP 20702237 A 20200121

Priority

- DE 102019000673 A 20190130
- EP 2020051371 W 20200121

Abstract (en)

[origin: WO2020156879A1] The invention relates to a method for controlling the temperature of reaction mixtures (2) in an agitation operation, wherein at least two reaction mixtures (2) in at least two reaction vessels (1) are individually temperature-controlled, said reaction mixtures (2) in said reaction vessels (1) being subjected to a common agitation movement (3), the individual temperature control of at least two reaction mixtures (2) being carried out by means of a separate heat transfer (6) between at least one reaction mixture (2) and at least one temperature control zone (4) associated with said reaction mixture (2).

IPC 8 full level

B01L 7/00 (2006.01); **B01F 11/00** (2006.01); **B01F 15/06** (2006.01); **G01N 1/38** (2006.01)

CPC (source: EP US)

B01F 31/22 (2022.01 - EP US); **B01F 35/92** (2022.01 - EP US); **B01L 7/00** (2013.01 - EP US); **B01F 2035/99** (2022.01 - EP US); **B01F 2101/23** (2022.01 - US); **B01L 2400/0409** (2013.01 - US)

Citation (search report)

See references of WO 2020156879A1

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)

DE 102019000673 A1 20200730; EP 3917672 A1 20211208; US 2022105483 A1 20220407; WO 2020156879 A1 20200806

DOCDB simple family (application)

DE 102019000673 A 20190130; EP 2020051371 W 20200121; EP 20702237 A 20200121; US 202017427051 A 20200121