

Title (en)
METHOD FOR TREATING A MIXTURE

Title (de)
VERFAHREN ZUR BEHANDLUNG EINES GEMISCHES

Title (fr)
PROCÉDÉ DE TRAITEMENT D'UN MÉLANGE

Publication
EP 4308508 A1 20240124 (FR)

Application
EP 22712993 A 20220316

Priority
• FR 2102632 A 20210316
• FR 2022050472 W 20220316

Abstract (en)
[origin: CA3211120A1] The invention relates to a method for treating a mixture, the method comprising the following steps: a) introducing, into a reactor, an initial mixture comprising solids comprising an unwanted material, b) adding an enzymatic reagent to the reactor containing the initial mixture, the enzymatic reagent comprising at least one enzyme at a mass concentration of between 0.01% and 20% by weight relative to the total weight of the solids included in the initial mixture, c) bringing the initial mixture and the enzymatic reagent into contact at a temperature of between 10 and 80°C for a period of between 5 minutes and 72 hours in order to obtain a liquefied mixture, d) filtering the liquefied mixture in order to separate the unwanted material from the mixture and to obtain a filtered mixture, the filtration being carried out via a filtering means.

IPC 8 full level
C02F 3/34 (2023.01); **B09B 3/00** (2022.01); **C02F 1/00** (2023.01); **C02F 3/28** (2023.01); **C02F 11/04** (2006.01); **C02F 11/123** (2019.01); **C02F 11/18** (2006.01)

CPC (source: EP)
C02F 1/004 (2013.01); **C02F 3/342** (2013.01); **C12P 7/6418** (2013.01); **C12P 19/14** (2013.01); **C12P 21/06** (2013.01); **C02F 3/28** (2013.01); **C02F 11/04** (2013.01); **C02F 11/123** (2013.01); **C02F 11/185** (2013.01); **C02F 2209/02** (2013.01); **C02F 2209/44** (2013.01); **Y02E 50/30** (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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
FR 3120801 A1 20220923; **FR 3120801 B1 20240216**; AU 2022236715 A1 20231026; CA 3211120 A1 20220922; EP 4308508 A1 20240124; WO 2022195220 A1 20220922

DOCDB simple family (application)
FR 2102632 A 20210316; AU 2022236715 A 20220316; CA 3211120 A 20220316; EP 22712993 A 20220316; FR 2022050472 W 20220316