

Title (en)

PROCESS FOR REMOVING AN IMPURITY FROM A CHLOROSILANE MIXTURE

Title (de)

VERFAHREN ZUR ENTFERNUNG EINER VERUNREINIGUNG AUS EINEM CHLORSILANGEMISCH

Title (fr)

PROCÉDÉ D'ÉLIMINATION D'UNE IMPURETÉ D'UN MÉLANGE DE CHLOROSILANE

Publication

**EP 4081480 A1 20221102 (DE)**

Application

**EP 20803496 A 20201105**

Priority

EP 2020081101 W 20201105

Abstract (en)

[origin: WO2022096098A1] The invention relates to a process for removing an impurity from a mixture containing at least one chlorosilane and/or organochlorosilane and at least one impurity from the group comprising a boron compound, a phosphorus compound and an arsenic compound. The process comprises the following steps: a) bringing the liquid mixture into contact with a non-functionalized organic polymer which has pores having an average pore diameter of less than 50 Å, the pore diameter being determined according to DIN ISO 66134; b) optionally separating the non-functionalized organic polymer.

IPC 8 full level

**C01B 33/107** (2006.01); **C07F 7/20** (2006.01)

CPC (source: EP KR US)

**B01J 20/26** (2013.01 - US); **C01B 33/10784** (2013.01 - EP KR US); **C07F 7/20** (2013.01 - EP KR)

Citation (search report)

See references of WO 2022096098A1

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)

**WO 2022096098 A1 20220512**; CN 115023407 A 20220906; CN 115023407 B 20240524; EP 4081480 A1 20221102; JP 2023520284 A 20230517; JP 7477620 B2 20240501; KR 20220121855 A 20220901; TW 202218985 A 20220516; US 2023097766 A1 20230330

DOCDB simple family (application)

**EP 2020081101 W 20201105**; CN 202080095033 A 20201105; EP 20803496 A 20201105; JP 2022546144 A 20201105; KR 20227025785 A 20201105; TW 110140730 A 20211102; US 202017910840 A 20201105