

Title (en)
PVDF FILTERING FACE-PIECE RESPIRATOR AND RECYCLING METHOD

Title (de)
PVDF-FILTRIERNDES GESICHTSATEMGERÄT UND RECYCLINGVERFAHREN

Title (fr)
MASQUES DE PROTECTION RESPIRATOIRE EN PVDF ET PROCEDE DE RECYCLAGE

Publication
EP 4168152 A1 20230426 (FR)

Application
EP 21740139 A 20210618

Priority
• FR 2006430 A 20200619
• FR 2021051110 W 20210618

Abstract (en)
[origin: WO2021255401A1] The invention relates to a filtering face-piece respirator made of polyvinylidene fluoride and to a method for producing said respirator. The invention also relates to a method for reconditioning said respirator. The invention is also directed to a method for recycling said filtering face-piece respirator.

IPC 8 full level
B01D 39/16 (2006.01); **A41D 13/11** (2006.01); **A62B 23/02** (2006.01)

CPC (source: EP US)
A62B 18/084 (2013.01 - US); **A62B 23/025** (2013.01 - EP US); **B01D 39/1623** (2013.01 - EP US); **B01D 2239/0216** (2013.01 - EP); **B01D 2239/025** (2013.01 - EP US); **B01D 2239/0283** (2013.01 - EP); **B01D 2239/0435** (2013.01 - EP); **B01D 2239/0618** (2013.01 - US); **B01D 2239/0631** (2013.01 - EP US); **B01D 2239/0636** (2013.01 - EP US); **B01D 2239/0654** (2013.01 - EP US); **B01D 2239/0672** (2013.01 - EP); **B01D 2239/10** (2013.01 - EP US); **B01D 2239/1233** (2013.01 - EP US); **B01D 2239/1291** (2013.01 - EP US)

Citation (search report)
See references of WO 2021255401A1

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 3111566 A1 20211224; FR 3111566 B1 20221007; CN 115916371 A 20230404; EP 4168152 A1 20230426; JP 2023530176 A 20230713; US 2023241428 A1 20230803; WO 2021255401 A1 20211223; WO 2021255401 A4 20220303

DOCDB simple family (application)
FR 2006430 A 20200619; CN 202180043323 A 20210618; EP 21740139 A 20210618; FR 2021051110 W 20210618; JP 2022578582 A 20210618; US 202118008699 A 20210618