

Title (en)
CATALYST-ADSORBENT FILTER FOR AIR PURIFICATION

Title (de)
KATALYSATORADSORBIERENDER FILTER ZUR LUFTREINIGUNG

Title (fr)
FILTRE ADSORBANT DE CATALYSEUR POUR LA PURIFICATION DE L'AIR

Publication
EP 3870338 A4 20230517 (EN)

Application
EP 19877095 A 20191022

Priority

- US 2019057348 W 20191022
- CN 2018111425 W 20181023

Abstract (en)
[origin: CA3116764A1] Disclosed in certain embodiments are catalyst-adsorbent compositions that include a metal oxide catalyst adapted for converting gaseous pollutants into chemical ly-benign species, and an adsorbent adapted for adsorbing the chemically-benign species together with other gaseous species and volatile organic compounds.

IPC 8 full level
B01D 53/02 (2006.01); **B01D 39/16** (2006.01); **B01D 53/04** (2006.01); **B01D 53/86** (2006.01); **B01D 53/94** (2006.01); **B01J 20/20** (2006.01); **B01J 20/28** (2006.01); **B01J 20/32** (2006.01); **B01J 23/34** (2006.01); **B01J 23/656** (2006.01)

CPC (source: EP KR)
B01D 39/14 (2013.01 - KR); **B01D 39/1676** (2013.01 - EP); **B01D 53/04** (2013.01 - EP KR); **B01D 53/0415** (2013.01 - EP); **B01D 53/86** (2013.01 - EP KR); **B01D 53/94** (2013.01 - KR); **B01J 20/20** (2013.01 - KR); **B01J 20/2803** (2013.01 - EP); **B01J 20/28045** (2013.01 - EP); **B01J 20/28057** (2013.01 - EP); **B01J 20/3078** (2013.01 - EP); **B01J 20/3204** (2013.01 - EP); **B01J 20/3212** (2013.01 - EP); **B01J 20/3236** (2013.01 - EP); **B01J 20/3238** (2013.01 - EP); **B01J 20/324** (2013.01 - EP); **B01J 20/3293** (2013.01 - EP); **B01J 23/34** (2013.01 - EP KR); **B01J 23/656** (2013.01 - KR); **B01D 2239/0407** (2013.01 - EP); **B01D 2239/0471** (2013.01 - EP); **B01D 2239/10** (2013.01 - EP); **B01D 2253/102** (2013.01 - EP KR); **B01D 2253/108** (2013.01 - EP); **B01D 2253/1124** (2013.01 - EP); **B01D 2253/25** (2013.01 - EP); **B01D 2255/2073** (2013.01 - EP KR); **B01D 2255/915** (2013.01 - EP); **B01D 2255/9207** (2013.01 - EP); **B01D 2257/302** (2013.01 - EP); **B01D 2257/402** (2013.01 - EP); **B01D 2257/404** (2013.01 - EP); **B01D 2257/406** (2013.01 - EP); **B01D 2257/70** (2013.01 - EP); **B01D 2257/708** (2013.01 - EP); **B01D 2258/06** (2013.01 - EP); **Y02C 20/10** (2013.01 - EP)

Citation (search report)

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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

DOCDB simple family (publication)
BR 112021007686 A2 20210727; CA 3116764 A1 20200430; CN 112867548 A 20210528; EP 3870338 A1 20210901; EP 3870338 A4 20230517; KR 20210076011 A 20210623; MX 2021004652 A 20210928; ZA 202103375 B 20221026

DOCDB simple family (application)
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