

Title (en)
A METHOD FOR OZONE-ASSISTED DIOXIN REMOVAL

Title (de)
VERFAHREN ZUR OZONUNTERSTÜTZTEN DIOXINENTFERNUNG

Title (fr)
PROCÉDÉ D'ÉLIMINATION DE DIOXINES ASSISTÉE PAR OZONE

Publication
EP 3980162 A1 20220413 (EN)

Application
EP 20731035 A 20200604

Priority
• DK PA201900696 A 20190607
• EP 2020065421 W 20200604

Abstract (en)
[origin: WO2020245243A1] In a method for removing dioxins from a gas in a gas treatment plant comprising a catalyst unit for emissions abatement, ozone is injected into the gas at a point upstream the catalyst unit, and the catalyst unit includes a dust filter. The gas can be a flue gas and the catalytic unit can be a catalytic dust filter unit, especially a bag filter unit.

IPC 8 full level
B01D 53/86 (2006.01); **B01D 46/02** (2006.01); **B01D 53/90** (2006.01)

CPC (source: CN EP KR)
B01D 46/023 (2013.01 - CN KR); **B01D 53/76** (2013.01 - CN); **B01D 53/8662** (2013.01 - CN EP KR); **B01D 53/8675** (2013.01 - EP KR); **B01D 53/90** (2013.01 - EP KR); **B01D 46/023** (2013.01 - EP); **B01D 2251/104** (2013.01 - CN EP KR); **B01D 2255/1021** (2013.01 - EP KR); **B01D 2255/1023** (2013.01 - EP KR); **B01D 2255/20723** (2013.01 - EP KR); **B01D 2255/2073** (2013.01 - EP KR); **B01D 2257/106** (2013.01 - EP KR); **B01D 2257/2064** (2013.01 - CN); **B01D 2257/708** (2013.01 - EP KR); **B01D 2258/0233** (2013.01 - EP KR); **B01D 2258/0291** (2013.01 - EP KR)

Citation (search report)
See references of WO 2020245243A1

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)
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EP 2020065421 W 20200604; CN 202080041923 A 20200604; EP 20731035 A 20200604; JP 2021572389 A 20200604; KR 20217040594 A 20200604; SG 11202111319V A 20200604; TW 109119003 A 20200605