

Title (en)
HYBRID BOILER-DRYER AND METHOD

Title (de)
HYBRIDER BOILER-TROCKNER UND VERFAHREN

Title (fr)
CHAUDIÈRE-SÉCHOIR HYBRIDE ET PROCÉDÉ ASSOCIÉ

Publication
EP 4018124 A1 20220629 (EN)

Application
EP 20764232 A 20200814

Priority
• US 201916548167 A 20190822
• US 2020046312 W 20200814

Abstract (en)
[origin: WO2021034637A1] A method for reducing the emission of contaminants by a furnace is provided. The method includes forming a bed from a stream of fuel within the furnace; fluidizing the bed with flue gas from the furnace; and heating the fuel within the bed so as to generate char, ash and contaminants. The method further includes capturing the contaminants via the ash.

IPC 8 full level
F23C 10/00 (2006.01); **F23C 9/00** (2006.01)

CPC (source: EP)
F23C 9/003 (2013.01); **F23C 10/002** (2013.01); **F23C 2202/50** (2013.01); **F23C 2206/00** (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

DOCDB simple family (publication)
WO 2021034637 A1 20210225; CN 114270101 A 20220401; EP 4018124 A1 20220629; JP 2022545772 A 20221031;
TW 202108231 A 20210301; ZA 202201710 B 20221026

DOCDB simple family (application)
US 2020046312 W 20200814; CN 202080058794 A 20200814; EP 20764232 A 20200814; JP 2022507903 A 20200814;
TW 109124390 A 20200720; ZA 202201710 A 20220209