

Title (en)
SOLID FUEL COMBUSTION DEVICE

Title (de)
FESTBRENNSTOFFVERBRENNUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMBUSTION À COMBUSTIBLE SOLIDE

Publication
EP 4303487 A1 20240110 (EN)

Application
EP 21928970 A 20210301

Priority
JP 2021007787 W 20210301

Abstract (en)
A solid fuel combustion apparatus in which a plurality of solid fuels are fed to a combustion unit to obtain combustion heat through combustion. The combustion unit includes a first combustion chamber that burns solid fuels; a feeder that feeds the solid fuels to the first combustion chamber; a turntable that forms a lower surface portion of the first combustion chamber and turns the solid fuels fed from the feeder on the lower surface portion of the turntable, and an agitator that agitates the solid fuels accumulated on the turntable.

IPC 8 full level
F23B 30/02 (2006.01)

CPC (source: EP KR)
F23B 30/02 (2013.01 - KR); **F23G 5/26** (2013.01 - EP); **F23G 5/50** (2013.01 - EP); **F23J 1/06** (2013.01 - KR); **F23N 1/102** (2013.01 - KR); **F23N 5/003** (2013.01 - KR); **F23G 2203/805** (2013.01 - EP); **F23G 2205/121** (2013.01 - EP); **F23N 2229/20** (2020.01 - EP)

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)
EP 4303487 A1 20240110; CN 117255918 A 20231219; JP 2023068162 A 20230516; JP 7256577 B2 20230412;
JP WO2022185392 A1 20220909; KR 20230148356 A 20231024; TW 202235777 A 20220916; TW 202413847 A 20240401;
TW I828070 B 20240101; WO 2022185392 A1 20220909

DOCDB simple family (application)
EP 21928970 A 20210301; CN 202180007074 A 20210301; JP 2021007787 W 20210301; JP 2022506691 A 20210301;
JP 2023048798 A 20230324; KR 20237032536 A 20210301; TW 111106964 A 20220225; TW 112146360 A 20220225