

Title (en)

BIOFUEL HEATING APPARATUS AND DEVICE FOR SAME

Title (de)

BIOKRAFTSTOFFHEIZVORRICHTUNG UND VORRICHTUNG DAFÜR

Title (fr)

APPAREIL DE CHAUFFAGE DE BIOCARBURANT ET DISPOSITIF ASSOCIÉ

Publication

EP 4276355 A2 20231115 (EN)

Application

EP 23173256 A 20230512

Priority

GB 202207043 A 20220513

Abstract (en)

The invention provides an apparatus for burning liquid fuel comprising; a fuel tank, at least one pump in fluidic communication with the fuel tank, a platform, and at least one burner mounted to the platform at an inclined angle. The burner comprising a channel in fluidic communication with the pump. The channel having a base and opposed side walls comprising one or more openings. A fuel inlet is provided at an upper end of the channel and an igniter is provided proximate a lower end of the channel. A fuel flow retarder is provided in the channel for controlling the rate of descent of fuel down the channel.

IPC 8 full level

F23D 5/12 (2006.01); **F23D 11/44** (2006.01)

CPC (source: EP GB)

F23D 5/123 (2013.01 - EP GB); **F23D 11/441** (2013.01 - EP); **F23D 2202/00** (2013.01 - GB); **F23D 2206/0057** (2013.01 - GB);
F23D 2900/31021 (2021.05 - EP); **F23D 2900/31022** (2021.05 - EP GB)

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4276355 A2 20231115; EP 4276355 A3 20240313; GB 202207043 D0 20220629; GB 2618619 A 20231115

DOCDB simple family (application)

EP 23173256 A 20230512; GB 202207043 A 20220513