

Title (en)

FIREPLACE INTENDED FOR SOLID FUELS WITH MULTI-FUEL DEVICE ARRANGED INTO ITS BURNING PLACE

Title (de)

FÜR FESTE BRENNSTOFFE BESTIMMTE FEUERSTELLE, DIE MIT EINER MEHRBRENNSTOFFVORRICHTUNG IN IHREM BRENNPLATZ AUSGESTATTET IST

Title (fr)

FOYER PRÉVU POUR DES COMBUSTIBLES SOLIDES AVEC DISPOSITIF MULTI-COMBUSTIBLE DISPOSÉ DANS SON LIEU DE COMBUSTION

Publication

**EP 4227580 A1 20230816 (EN)**

Application

**EP 22396001 A 20220209**

Priority

EP 22396001 A 20220209

Abstract (en)

A fireplace (1) intended for solid fuels, into the burning space of which fireplace is arranged a multi-fuel device (10-13) for burning several solid fuels, such as chopped wood, briquettes or biomasses, said multi-fuel device comprising a grate pair which consists of a bottom grate (15) and a top grate (14), a burning cylinder (10), a perforated cylinder (12), a fire tube (11) and a control system for conducting primary and secondary air into burning. The grate pair is adjustable and the perforated cylinder (12) is replaceable when changing the used fuel into another one and the multi-fuel device is located at least for its most part below the bottom-edge level of a fireplace door (2).

IPC 8 full level

**F24B 1/193** (2006.01); **F24B 5/02** (2006.01)

CPC (source: EP)

**F24B 1/193** (2013.01); **F24B 5/026** (2013.01)

Citation (applicant)

- EP 1402217 A1 20040331 - PIETI PAULI [FI]
- FI 109723 B 20020930 - HYTOENEN ONNI [FI]
- FI 123850 B 20131115 - PIETI PAULI [FI]

Citation (search report)

- [Y] WO 2016075646 A1 20160519 - LELLO DAVID ROYDON [ZA]
- [A] EP 3892917 A1 20211013 - SL TECHNIK GMBH [AT]
- [Y] EP 1983262 A2 20081022 - PIETI PAULI [FI]

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 4227580 A1 20230816**

DOCDB simple family (application)

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