

Title (en)
FIREPLACE WITH SUSPENDED HEARTH

Title (de)
KAMIN MIT AUFGEHÄNGTEM HERD

Title (fr)
CHEMINÉE À FOYER SUSPENDU

Publication
EP 4048953 C0 20230719 (FR)

Application
EP 20792674 A 20201022

Priority
• FR 1911823 A 20191022
• FR 1912910 A 20191119
• EP 2020079773 W 20201022

Abstract (en)
[origin: CA3155180A1] The invention relates to a fireplace (1) comprising: - a hearth (2) suspended on a support (3), the hearth (2) being delimited laterally by a peripheral wall (21) that is equipped with at least one combustion air inlet, - a discharge pipe (4) for discharging the combustion gases, the discharge pipe (4) comprising a bottom portion (40) secured to a top part of the hearth (2), and a top portion (42) opposite the bottom portion (40). According to the invention, the fireplace comprises: - at least one combustible fluid burner (5) that is arranged in the hearth (2) opposite at least one air inlet, - a combustible fluid supply column (6) that extends between a first end (60) connected to a combustible fluid source and a second end (61) connected to at least one burner (5), the supply column (6) passing down through the discharge pipe (4) from its top portion (40) to its bottom portion (42) and opening in the hearth (2) in order to convey the combustible fluid from the combustible fluid source to at least one burner (5).

IPC 8 full level
F24C 3/00 (2006.01); **F24C 3/08** (2006.01); **F24C 5/18** (2006.01)

CPC (source: CN EP US)
F24C 3/002 (2013.01 - CN EP); **F24C 3/022** (2013.01 - US); **F24C 3/082** (2013.01 - CN EP US); **F24C 5/18** (2013.01 - EP US); **F24C 15/00** (2013.01 - CN); **F24C 15/001** (2013.01 - US); **F24C 15/06** (2013.01 - US); **F24C 15/34** (2013.01 - CN US)

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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
FR 3102234 A1 20210423; FR 3102234 B1 20211119; CA 3155180 A1 20210429; CN 114616425 A 20220610; EP 4048953 A1 20220831; EP 4048953 B1 20230719; EP 4048953 C0 20230719; ES 2960575 T3 20240305; FR 3102233 A1 20210423; US 2023228426 A1 20230720; WO 2021078870 A1 20210429

DOCDB simple family (application)
FR 1912910 A 20191119; CA 3155180 A 20201022; CN 202080073388 A 20201022; EP 2020079773 W 20201022; EP 20792674 A 20201022; ES 20792674 T 20201022; FR 1911823 A 20191022; US 202017771341 A 20201022