

Title (en)

A liquid hydrocarbon or bioethanol heating appliance

Title (de)

Heizgerät mit flüssigem Kohlenwasserstoff oder Bioethanol

Title (fr)

Appareil de chauffage aux hydrocarbures liquides ou bioethanol

Publication

EP 2484972 A2 20120808 (EN)

Application

EP 12000639 A 20120131

Priority

IT MI20110156 A 20110204

Abstract (en)

A liquid hydrocarbon or bioethanol heating appliance (10), typically and non critically shaped as a movable fireplace with parallelepiped configuration, comprises a base (16), opposite side bands (12) with vertical development and a top connection panel (14) extended crosswise. Said base is provided with an opening (20) on the exposed top front, which can be screened with movable separators (32) and incorporates a tank (22) and a combustion chamber or burner (24) connected to said tank by a conduit (26). The appliance comprises a valve or solenoid valve (30) or (42) provided with or combined to means that detect the fuel level in the burner (24) and temporarily activate the same valves for allowing the passage of the amount of fuel required for restoring a given level in said burner.

IPC 8 full level

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CPC (source: EP US)

F23D 5/04 (2013.01 - EP US); **F23D 5/14** (2013.01 - EP US); **F23D 5/16** (2013.01 - EP US); **F23N 1/002** (2013.01 - EP US); **F23N 5/203** (2013.01 - EP US); **F24C 5/02** (2013.01 - EP US); **F24C 5/18** (2013.01 - EP US)

Citation (applicant)

FR 2931538 A1 20091127 - PEINTURES ET TECH APPLIQUEES P [FR], et al

Cited by

ITMO20130004A1; FR3111685A1; BE1023919B1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2484972 A2 20120808; **EP 2484972 A3 20121212**; CA 2766666 A1 20120804; IT 1404165 B1 20131115; IT MI20110156 A1 20120805; US 2012210998 A1 20120823

DOCDB simple family (application)

EP 12000639 A 20120131; CA 2766666 A 20120202; IT MI20110156 A 20110204; US 201213365363 A 20120203