

Title (en)  
OUTDOOR PORTABLE GAS STOVE

Title (de)  
TRAGBARER GASHERD FÜR DEN AUSSENBEREICH

Title (fr)  
RÉCHAUD À GAZ PORTABLE D'EXTÉRIEUR

Publication  
**EP 4230917 A1 20230823 (EN)**

Application  
**EP 22157461 A 20220218**

Priority  
EP 22157461 A 20220218

Abstract (en)  
Disclosed is an outdoor portable gas stove (100), which includes a stove cover (10), a burner (20), a gas pipeline (30), an ignition device (40) and a flame-out protection device (500). The burner (20) is arranged in the stove cover (10), an annular gas passage (21) is formed in the burner (20), a gas outlet and combustion hole (23) is defined on an upper end face of the burner (20), and the gas outlet and combustion hole (23) is communicated with the annular gas passage (21). The ignition device (40) is arranged above the gas outlet and combustion hole (23) and is configured for igniting gas. The gas pipeline (30) is communicated with the annular gas passage (21), and a control valve (31) is arranged on the gas pipeline (30). The flame-out protection device (50) is arranged above the gas outlet and combustion hole (23) and connected with the gas pipeline (30). The technical proposal of the present application can realize an overall control of gas supply.

IPC 8 full level  
**F24C 3/10** (2006.01); **F23D 14/58** (2006.01); **F24C 3/12** (2006.01); **F24C 3/14** (2021.01)

CPC (source: EP)  
**F23D 14/58** (2013.01); **F24C 3/103** (2013.01); **F24C 3/126** (2013.01); **F24C 3/14** (2013.01)

Citation (search report)  
• [XY] US 6877981 B1 20050412 - KIM CHUNG-IL [KR]  
• [XY] US 2117275 A 19380517 - DAILEY ROLLIN C  
• [Y] US 6978777 B2 20051227 - PESTRUE JEFFREY A [US], et al  
• [A] CN 110260319 A 20190920 - NINGBO FOTILE KITCHEN WARE CO  
• [A] US 2010126496 A1 20100527 - LUO HAITAO [CN], et al  
• [A] WO 2011030996 A1 20110317 - KIM JONG MAN [KR]

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)  
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