

Title (en)
COMBUSTION APPARATUS

Title (de)
VERBRENNUNGSVORRICHTUNG

Title (fr)
APPAREIL DE COMBUSTION

Publication
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Application
EP 14848942 A 20140925

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Abstract (en)
[origin: US2016238258A1] A combustion apparatus according to one aspect of the present invention comprises a fuel storage container for storing fuel, a combustor having a certain length and connected to the fuel storage container and a pipe so as to be supplied with fuel and combust fuel, an air blower disposed at one end of the combustor and supplying air into the combustor, and a flame plate disposed over the combustor in a longitudinal direction and perfectly combusting air that is imperfectly combusted in the combustor. The combustor has a groove formed in a longitudinal direction of the combustor, an ignition heater disposed in the longitudinal direction of the groove and generating heat, an ignition wick disposed over the ignition heater, absorbing fuel, and igniting by heat, and a pair of combustion wicks disposed in the longitudinal direction of the combustor so as to be spaced away from the ignition wick by a certain distance and combusting fuel.

IPC 8 full level
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Citation (search report)
• [A] US 2755849 A 19560724 - WATTS JR BLAINE CLYDE, et al
• [A] JP S4839290 B1 19731122
• [A] US 3723052 A 19730327 - NAKASHIMA A, et al
• [A] US 1584492 A 19260511 - TAYLOR BAYARD E
• See references of WO 2015046902A1

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