

Title (en)
HEATING COOKER

Title (de)
HEIZUNGSHERD

Title (fr)
APPAREIL DE CUISSON CHAUFFANT

Publication
EP 3760930 A4 20210414 (EN)

Application
EP 19760180 A 20190214

Priority
• JP 2018035457 A 20180228
• JP 2019005255 W 20190214

Abstract (en)
[origin: EP3760930A1] A door includes an outer frame, a radio wave leakage prevention plate disposed on a rear side of the outer frame, an inner frame that sandwiches the radio wave leakage prevention plate between the inner frame and the outer frame, and an air intake port that takes in external air at a lower portion of the outer frame. The door includes board (15) disposed on the outer frame, fan (17) disposed on the outer frame, and first air passage (29) extending from fan (17) to board (15). Fan (17) is disposed forward of the radio wave leakage prevention plate. At least a part of fan (17) is disposed inside the radio wave leakage prevention plate. Air intake port (17a) of fan (17) is disposed in the direction in which the intake direction intersects with the air intake port of the outer frame in the front-rear direction of the door in the upright state. Exhaust port (17b) of fan (17) is disposed in a direction in which the discharge direction intersects the intake direction of fan (17). Thereby, since the height of the door can be shortened, a heating cooker that can be reduced in size can be provided.

IPC 8 full level
H05B 6/64 (2006.01); **F24C 7/02** (2006.01); **F24C 15/02** (2006.01); **F24C 15/34** (2006.01); **H05B 6/76** (2006.01)

CPC (source: EP)
F24C 7/02 (2013.01); **F24C 15/02** (2013.01); **F24C 15/34** (2013.01); **H05B 6/642** (2013.01); **H05B 6/763** (2013.01)

Citation (search report)
• [YA] WO 2015129449 A1 20150903 - SHARP KK [JP]
• [YA] JP 2017026233 A 20170202 - SHARP KK
• [A] DE 19523876 A1 19970102 - AEG HAUSGERAETE GMBH [DE]
• [E] WO 2019235003 A1 20191212 - SHARP KK [JP]
• See references of WO 2019167639A1

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

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EP 3760930 A1 20210106; **EP 3760930 A4 20210414**; CN 111758005 A 20201009; CN 111758005 B 20220708; JP 2019152345 A 20190912; JP 6906199 B2 20210721; WO 2019167639 A1 20190906

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