

Title (en)
FLAME FIRED HEAT EXCHANGER

Publication
EP 0534780 A3 19930630 (EN)

Application
EP 92308760 A 19920925

Priority
US 77671491 A 19910927

Abstract (en)
[origin: EP0534780A2] Odor/pollutants from cooking food products are collected and delivered to a plenum (26) proximate the burner (34) of a heat exchanger (10) which serves the food cooker (12). The burner (34) issues a flame (27) in a combustion chamber (31) having a baffle (36) arranged normal to the flame and a central opening in the baffle (36) is partially occluded by a frusto-conically shaped turbulence increasing body (41) spaced from the baffle (36) to define an annular flow slot along the body which has a central flow passageway therethrough. <IMAGE>

IPC 1-7
F23G 7/06; **F23G 5/46**; **F23M 9/06**

IPC 8 full level
F23G 5/46 (2006.01); **F23G 7/06** (2006.01); **F23M 9/06** (2006.01)

CPC (source: EP)
F23G 5/46 (2013.01); **F23G 7/065** (2013.01); **F23M 9/06** (2013.01)

Citation (search report)

- [A] EP 0342365 A2 19891123 - STEINECKER MASCHF ANTON [DE]
- [A] US 2177573 A 19391024 - KORMENDI JOSEPH V
- [A] BE 630381 A
- [A] DE 1112243 B 19610803 - STEINMUELLER GMBH L & C

Cited by
CN106123056A; CN112684099A

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
EP 0534780 A2 19930331; **EP 0534780 A3 19930630**; **EP 0534780 B1 19960612**; AT E139325 T1 19960615; DE 69211464 D1 19960718; DE 69211464 T2 19961024; DK 0534780 T3 19960819; ES 2088106 T3 19960801; GR 3020223 T3 19960930

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