

Title (en)  
HEAT EXCHANGER FOR COOKING APPARATUS

Title (de)  
WÄRMETAUSCHER FÜR KOCHVORRICHTUNG

Title (fr)  
ECHANGEUR THERMIQUE POUR APPAREIL DE CUISSON

Publication  
**EP 0996846 A4 20001011 (EN)**

Application  
**EP 98933354 A 19980716**

Priority  

- AU 9800552 W 19980716
- AU PO808697 A 19970717
- AU PO894397 A 19970902
- AU PP048297 A 19971121

Abstract (en)  
[origin: WO9904210A1] A heat exchanger (10) for use in cooking applications, comprising a housing (12), a cooking medium chamber (14) in the housing (12) for passage of cooking medium through the housing (12) during the heat exchange process; and a heat exchange element (16). The heat exchange element (16) is formed to define a generally spiral path for cooking medium to pass through the cooking medium chamber (14) during the heat exchange process. Cooking apparatus (100), and methods of operation of cooking apparatus (100) including such heat exchangers (10; 22) are described.

IPC 1-7  
**F28D 7/02**

IPC 8 full level  
**F28D 7/02** (2006.01); **F28F 13/06** (2006.01); **H05B 3/40** (2006.01); **H05B 3/60** (2006.01)

CPC (source: EP KR)  
**F28D 7/02** (2013.01 - KR); **F28D 7/024** (2013.01 - EP); **F28F 13/06** (2013.01 - EP); **H05B 3/40** (2013.01 - EP); **H05B 3/60** (2013.01 - EP); **H05B 2203/021** (2013.01 - EP)

Citation (search report)  

- [A] US 3839951 A 19741008 - PALMASON E
- [A] US 5309987 A 19940510 - CARLSON V R [US]
- [A] DE 2629285 A1 19780119 - SCHMOELE METALL R & G
- [A] WO 9303318 A1 19930218 - PAIN RONALD ALBERT [AU]
- See references of WO 9904210A1

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

DOCDB simple family (publication)  
**WO 9904210 A1 19990128**; CN 1167935 C 20040922; CN 1261953 A 20000802; EP 0996846 A1 20000503; EP 0996846 A4 20001011; JP 2001510887 A 20010807; JP 4181744 B2 20081119; KR 20010014317 A 20010226

DOCDB simple family (application)  
**AU 9800552 W 19980716**; CN 98806747 A 19980716; EP 98933354 A 19980716; JP 2000503377 A 19980716; KR 19997012459 A 19991229