

Title (en)
ROASTER OVEN WITH HINGED COVER

Title (de)
BACKOFEN MIT SCHARNIERTEM DECKEL

Title (fr)
ROTISSOIRE EQUIPEE D'UN COUVERCLE A CHARNIERE

Publication
EP 1404181 A4 20040901 (EN)

Application
EP 00942665 A 20000601

Priority
• US 0015209 W 20000601
• US 10574799 F 19990601

Abstract (en)
[origin: WO0191618A2] A container for preparing and cooking food, such as a roaster oven, includes a main body having a bottom portion with sidewalls extending upwardly therefrom, a cover for covering the main body of the container, and a hinge assembly connecting the cover to the main body of the roaster oven. The hinge assembly includes a first portion attached to the cover, and a second portion extending downwardly from the first portion and attached to the rear sidewall of the main body of the container. The hinge assembly allows the cover to be opened in any desired position. The hinge assembly further includes a powered convection fan for turning the roaster oven into a convection oven. The mechanism which allows the cover to be opened in any desired position includes a torsion bar, a cam, and a cam follower.

IPC 1-7
A47J 39/00; **A47J 36/12**

IPC 8 full level
A47J 36/12 (2006.01); **A47J 37/01** (2006.01); **A47J 39/00** (2006.01); **A47J 27/04** (2006.01)

CPC (source: EP US)
A47J 36/12 (2013.01 - EP US); **A47J 37/015** (2013.01 - EP US); **A47J 37/0623** (2013.01 - EP US); **A47J 37/0641** (2013.01 - EP US); **A47J 2027/043** (2013.01 - EP US)

Citation (search report)
• [XA] EP 0610788 A1 19940817 - ALTERNATIVE PIONEERING SYST [US]
• [X] US 5329919 A 19940719 - CHANG KWEI T [TW]
• [X] US 5526734 A 19960618 - HARRISON ROBERT G [US]
• See references of WO 0191618A2

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 0191618 A2 20011206; **WO 0191618 A3 20040115**; AU 5725900 A 20011211; CA 2375881 A1 20011206; CN 1218646 C 20050914; CN 1487791 A 20040407; EP 1404181 A2 20040407; EP 1404181 A4 20040901; US D448238 S 20010925

DOCDB simple family (application)
US 0015209 W 20000601; AU 5725900 A 20000601; CA 2375881 A 20000601; CN 00808061 A 20000601; EP 00942665 A 20000601; US 10574799 F 19990601