Title (en)
GRILL INCLUDING AUTOMATIC GAP CALIBRATION

Title (de)
GRILL MIT AUTOMATISCHER ABSTANDSKALIBRIERUNG

Title (fr)
GRIL COMPRENANT UN ÉTALONNAGE AUTOMATIQUE D'ESPACEMENT

Publication
EP 2007257 A4 20150826 (EN)

Application
EP 06751022 A 20060420

Priority
US 2006015157 W 20060420

Abstract (en)
[origin: WO2007123521A1] A grill (20) includes a lower platen assembly (22) having a lower grilling surface and a pivotally attached upper platen assembly (24) having an upper grilling surface. The upper platen assembly includes three motors (46a,46b,46c) encased in a shell (44). A cable (58a,58b,58c) attached to each motor suspends the upper grilling surface. The grill (20) is automatically calibrated to ensure that the upper grilling surface is level. Each motor independently and sequentially raises the upper grilling surface from the lower grilling surface. When the upper grilling surface lifts from the lower grilling surface, the current in the motor changes. The settings of each motor at this instant are stored in a control to determine the calibration point when the upper grilling surface is level. The grill (20) also automatically recognizes a food item placed on the lower grilling surface to determine the cooking parameters of the grill.

IPC 8 full level
A47J 37/00 (2006.01); **A23L 1/00** (2006.01)

CPC (source: EP)
A47J 37/0611 (2013.01); A47J 2037/0617 (2013.01)

Citation (search report)
- [A] US 6016743 A 20000125 - GLAVAN RONALD J [US]
- [A] US 2005193897 A1 20050908 - NEVAREZ ROBERTO [US], et al
- [A] US 6263786 B1 20010724 - RAIO STEVE MICHAEL [US], et al
- [A] US 4586428 A 19860506 - ADAMSON LEE E [US]
- See references of WO 2007123521A1

Cited by
GB2548442A; US11116357B2; US11992153B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007123521 A1 20071101; AU 2006342514 A1 20071101; AU 2006342514 B2 20101021; CA 2650544 A1 20071101; CA 2650544 C 20110621; CN 101431929 A 20090513; CN 101431929 B 20110406; EP 2007257 A1 20081231; EP 2007257 A4 20150826; JP 2009534091 A 20090924; JP 4808270 B2 20111102; NZ 572686 A 20101224

DOCDB simple family (application)
US 2006015157 W 20060420; AU 2006342514 A 20060420; CA 2650544 A 20060420; CN 200680054280 A 20060420; EP 06751022 A 20060420; JP 2009506469 A 20060420; NZ 57268606 A 20060420