

Title (en)
Domestic electric range.

Title (de)
Elektrischer Haushaltskochherd.

Title (fr)
Four ménager électrique.

Publication
EP 0200920 A2 19861112 (FR)

Application
EP 86104531 A 19860403

Priority
FR 8505250 A 19850405

Abstract (en)
[origin: ES293372U] An electric oven has a number of heating elements for heating the cooking chamber. A multi-position switch is arranged to couple power to all of the heating elements, such that the chamber can be used as an oven, or to only selected heating elements such that a grilling operation can be performed. However, when grilling it is best if the door of the cooking chamber is at least partially open so that air can circulate. The invention provides a mechanical linkage between the door and the switch such that if the switch is moved into its grill operating position, the door is automatically opened. In addition, if the door of the cooking chamber is closed, the switch is automatically moved into its oven operating position.

Abstract (fr)
Ce four comprend une enceinte de cuisson chauffée par des résistances de voûte et de sole, un commutateur de commande des résistances pouvant occuper, soit une position "four", soit une position "gril" pour laquelle seule la résistance de voûte est alimentée, et une porte adaptée à prendre, en particulier, une position entrouverte permettant une circulation d'air. Selon l'invention, ce four comprend des organes de transmission de mouvement (38, 52, 46, 54) agencés entre le commutateur (20) et la porte (28) et propres à assurer que le passage du commutateur à sa position "gril" entraîne automatiquement le passage de la porte (28) de sa position fermée à sa position entrouverte.

IPC 1-7
F24C 7/08; **F24C 15/02**

IPC 8 full level
F24C 7/08 (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP US)
F24C 7/087 (2013.01 - EP US); **F24C 15/02** (2013.01 - EP US)

Cited by
FR2943486A1; WO2009000610A3

Designated contracting state (EPC)
AT BE CH DE IT LI NL SE

DOCDB simple family (publication)
EP 0200920 A2 19861112; **EP 0200920 A3 19890308**; **EP 0200920 B1 19910424**; AT E62988 T1 19910515; DE 3678863 D1 19910529; ES 293372 U 19860801; ES 293372 Y 19870416; FR 2580059 A1 19861010; FR 2580059 B1 19891215; GB 2173588 A 19861015; GB 2173588 B 19881005; GB 8607532 D0 19860430; PT 82332 A 19860501; PT 82332 B 19920630; US 4659908 A 19870421

DOCDB simple family (application)
EP 86104531 A 19860403; AT 86104531 T 19860403; DE 3678863 T 19860403; ES 293372 U 19860404; FR 8505250 A 19850405; GB 8607532 A 19860326; PT 8233286 A 19860403; US 84478186 A 19860327