

Title (en)
DOMESTIC OVEN

Title (de)
HAUSHALTSOFEN

Title (fr)
FOUR MENAGER

Publication
EP 0697083 B1 19970305 (FR)

Application
EP 94915192 A 19940429

Priority
• FR 9400494 W 19940429
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Abstract (en)
[origin: US5643486A] PCT No. PCT/FR94/00494 Sec. 371 Date Oct. 26, 1995 Sec. 102(e) Date Oct. 26, 1995 PCT Filed Apr. 29, 1994 PCT Pub. No. WO94/27092 PCT Pub. Date Nov. 24, 1994The oven comprises a housing (1) enclosing an open cavity (4) which is closed by a door (6) pivotally mounted about a horizontal shaft (8) placed in the housing. The cavity includes a food-carrying tray (5) horizontally translatable via at least one motion transfer mechanism (10) controlled by the door. The motion transfer mechanism (10) includes several transmission stages, each consisting of a notched belt (12;23) meshing with two toothed wheels (13, 19; 26, 28) set respectively on two horizontal shafts, the shaft of one of the two wheels of the stage level being comprised of the pivoting shaft (8) of the door, and the shaft of one of the two wheels of the last stage extending into the cavity (4) and bearing another toothed wheel (35) that meshes with teeth on a lower edge (5a) of the food-carrying tray (5). The invention relates for instance to microwave ovens.

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F24C 15/16; **H05B 6/80**

IPC 8 full level
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US 5643486 A 19970701; AT E149663 T1 19970315; DE 69401931 D1 19970410; DE 69401931 T2 19970626; DK 0697083 T3 19970602; EP 0697083 A1 19960221; EP 0697083 B1 19970305; ES 2098942 T3 19970501; FR 2704738 A1 19941110; FR 2704738 B1 19970808; JP H08510043 A 19961022; WO 9427092 A1 19941124

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