

Title (en)

AUTOMATIC HOT FOOD DISPENSER USING MICROWAVE OVENS

Title (de)

HEISSE FERTIGGERICHTE AUSGABEAUTOMAT UNTER VERWENDUNG MIKROWELLENOFEN

Title (fr)

DISTRIBUTEUR AUTOMATIQUE DE PLATS CUISINES CHAUDS UTILISANT DES FOURS A MICRO ONDES

Publication

EP 0593630 B1 19971029 (FR)

Application

EP 92915274 A 19920629

Priority

- FR 9108423 A 19910701
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Abstract (en)

[origin: WO9301569A1] An automatic food dispenser comprising size-adjustable storage columns (11; 45; 65) receiving esculent products (14; 42; 79) and mounted in the upper portion of the dispenser. In the middle portion of the dispenser frame (16), one or more chutes (17, 18; 40, 47; 68) arranged under the columns (11; 45; 65) collect the esculent products (14; 42; 79) and guide them through the inlet hatch (19, 20; 43; 80) of one of the microwave ovens (21, 22; 44, 48; 90, 91). Said microwave oven is provided with an ejector system (23, 24; 51; 61). The esculent product (14; 42; 79) is transported on a conveyor (25; 71) to the receptacle (5; 88) for the consumer, and a cutlery ejector (89) releases a cutlery box (97) into said receptacle (5; 88). The lower portion of the dispenser comprises a vendor (27) and an electrical panel (73). The automatic dispenser is designed particularly for dispensing foodstuffs.

IPC 1-7

G07F 9/10

IPC 8 full level

G07F 9/10 (2006.01)

CPC (source: EP US)

G07F 9/105 (2013.01 - EP US); **G07F 17/0078** (2013.01 - EP US); **H05B 6/808** (2013.01 - EP US)

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WO 9301569 A1 19930121; AT E159830 T1 19971115; AU 2278292 A 19930211; DE 69222942 D1 19971204; DE 69222942 T2 19980528; DK 0593630 T3 19980720; EP 0593630 A1 19940427; EP 0593630 B1 19971029; EP 0945835 A1 19990929; ES 2111073 T3 19980301; JP H08506668 A 19960716; US 5564594 A 19961015

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