Title (en)

Gas distribution box to stove burners

Title (de)

Gassteuerungskasten für den Brenner eines Küchenherd

Title (fr)

Boîte de distribution du gaz pour les brûleurs d'une plaque de cuisson

Publication

EP 0844440 A3 20000510 (EN)

Application

EP 97500021 A 19970124

Priority

ES 9602011 A 19960923

Abstract (en)

[origin: EP0844440A2] The gas distribution box to the top burners of a stove comprises a sealed gas distribution conduit (5, 6) in the form of a channel formed between a base (3) and a cover (2) superposed plates, inside which the means (8,9,18,18',20) for controlling the individual flow to each burner are enclosed, forming an element (1) which is compact and indivisible and from which only the operating shafts (9) and a common gas inlet and individual outlets connectors (30, 31) emerge. The means for regulating the flow to each burner are a valve (8) with an operating shaft (9), and a bypass screw (20). The valves (8) comprises two superposed flat discs (8a,8b), one fixed and the other rotary, fitted between the base (3) and the cover (2). A pusher (10) cooperates with the operating shaft (9). <IMAGE>

IPC 1-7

F24C 3/12

IPC 8 full level

F24C 3/12 (2006.01)

CPC (source: EP)

F24C 3/122 (2013.01)

Citation (search report)

- [A] GB 2258909 A 19930224 - NEW WORLD DOMESTIC APPLIANCES [GB]
- [AD] GB 2102557 A 19830202 - TORTUBE LTD [GB]
- [A] EP 0623787 A1 19941109 - ROSENFELD ELIAHU [IL], et al
- [A] US 1775980 A 19300916 - WALBRIDGE EARL G

Cited by

CN103742684A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0844440 A2 19980527; **EP 0844440 A3 20000510**; **EP 0844440 B1 20020828**; DE 69714952 D1 20021002; DE 69714952 T2 20030403; ES 2145656 A1 20000701; ES 2145656 B1 20010101

DOCDB simple family (application)

EP 97500021 A 19970124; DE 69714952 T 19970124; ES 9602011 A 19960923