

Title (en)
Compact stove

Title (de)
Kompakter Gaskocher

Title (fr)
Réchaud compact

Publication
EP 1348910 A1 20031001 (EN)

Application
EP 02394036 A 20020328

Priority
EP 02394036 A 20020328

Abstract (en)
A stove 1 for maintaining prepared food in a warm state has a fuel reservoir 2 in the form of a plastics gas tank, a burner unit 4, a flow passage communicating between the fuel reservoir 2 and the burner unit 4; and a control switch for regulating flow of fuel from the fuel reservoir 2 to the burner unit. The burner unit 4 includes at least two catalytic elements. Heat transfer from the region of the burner unit 4 to the interior of the gas tank 2 is effected by way of a metallic member 12. A heat deflector 6 is located between the burner unit 4 and the fuel reservoir 2. The fuel reservoir 2 is a refillable gas tank of less than 250 ml capacity with a diameter substantially equal to the height of the stove 1. The fuel reservoir 2 is a two-part structure having a substantially cup-shaped body portion 2b and a closure portion 2a for co-operative sealing association with the body portion 2b. Interconnection of the closure portion 2b and body portion 2a is effected by screwing together or by a bayonet-type coupling action 36. The flow of gas is regulated by a rotary valve assembly controlled by displacement of the rotary switch 3 between end positions corresponding to full-flow and shut-off conditions. <IMAGE>

IPC 1-7
F24C 3/14; **F23D 14/28**; **F17C 1/16**

IPC 8 full level
F23D 14/28 (2006.01); **F24C 3/14** (2006.01)

CPC (source: EP US)
F23D 14/28 (2013.01 - EP); **F24C 3/047** (2013.01 - EP US); **F24C 3/14** (2013.01 - EP US)

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