

Title (en)

Beverage dispensing valve, in particular for a household refrigeration appliance

Title (de)

Getränkeausgabeventil, insbesondere für einen Haushaltskühlschrank

Title (fr)

Souape de distribution de boisson, en particulier pour un appareil ménager frigorifique

Publication

EP 2896593 A2 20150722 (EN)

Application

EP 15151761 A 20130318

Priority

- IT TO20120243 A 20120319
- IT TO20120244 A 20120319
- IT TO20120245 A 20120319
- EP 13159761 A 20130318

Abstract (en)

Beverage dispensing valve (10) having a main body (20) comprising: - a first portion (21) for the entrance of the beverage into said valve (10); - an intermediate portion (20I) comprising at least one opening (20A) that allows the beverage to flow out of said intermediate portion (20I); - a second portion (22) extending parallel to a valve axis (A), a sealing member (23) associated with said second portion (22) in the proximity of a terminal part (22A) thereof, said valve (10) having a lower body (30) in encircling relation to said second portion (22) and said at least one opening (20A) of the intermediate portion (20I), said lower body (30) being adapted to slide axially over said intermediate portion (20I) and second portion (22) to move between - a first operating condition, wherein an inner surface (31) of the lower body (30) cooperates with said sealing member (23) to prevent the beverage from coming out of said valve (10), - a second operating condition, wherein at least one gap (L) is formed between said inner surface (31) and said sealing member (23) to allow the flow of the beverage. The second portion (22) of the main body (20) is rod-shaped and comprises a longitudinal slit (22F) extending along said second portion (22).

IPC 8 full level

B67D 1/12 (2006.01); **B67D 1/14** (2006.01); **B67D 3/02** (2006.01); **F25D 23/12** (2006.01)

CPC (source: EP)

B67D 1/1256 (2013.01); **B67D 1/1455** (2013.01); **B67D 3/0009** (2013.01); **B67D 3/0025** (2013.01); **B67D 3/02** (2013.01); **B67D 3/043** (2013.01); **F25D 23/126** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2641864 A2 20130925; **EP 2641864 A3 20131120**; **EP 2641864 B1 20150121**; EP 2896593 A2 20150722; EP 2896593 A3 20151007; ES 2535131 T3 20150505; PL 2641864 T3 20150630

DOCDB simple family (application)

EP 13159761 A 20130318; EP 15151761 A 20130318; ES 13159761 T 20130318; PL 13159761 T 20130318