

Title (en)

Cool drink dispenser for home use, and refrigerator equipped with such a dispenser

Title (de)

Kaltgetränkespender für den Hausgebrauch und damit ausgestatteter Kühlschrank

Title (fr)

Distributeur de boissons fraîches pour une utilisation domestique, réfrigérateur équipé d'un tel distributeur

Publication

EP 1974802 A1 20081001 (EN)

Application

EP 07105281 A 20070329

Priority

EP 07105281 A 20070329

Abstract (en)

A cool drink dispenser (1) having a main pipe (6) connected to a supply source (4) to receive a beverage; a metering valve (5) connected to the main pipe (6) to receive the beverage, and designed to permit controlled outflow of the beverage from the main pipe (6) into a container positioned temporarily beneath the metering valve (5); an in-line cooling unit (10) located along the main pipe (6) to cool the beverage flowing along a first portion of the main pipe (6); and an in-line gas-adding unit (11) located along the main pipe (6) to add a gas to the beverage flowing along a second portion of the main pipe (6).

IPC 8 full level

B01F 3/04 (2006.01); **B01F 5/06** (2006.01); **F25D 23/12** (2006.01)

CPC (source: EP)

B01F 23/2363 (2022.01); **B01F 25/4524** (2022.01); **B01F 25/45241** (2022.01); **F25D 23/126** (2013.01)

Citation (search report)

- [XY] DE 102005014742 A1 20060406 - AQAMORE GMBH [DE]
- [Y] DE 20004007 U1 20010712 - PREISENDANZ HANS [DE], et al
- [X] EP 1579906 A1 20050928 - DAEWOO ELECTRONICS CORP [KR]
- [XY] DE 102006011444 A1 20060921 - LG ELECTRONICS INC [KR]
- [Y] EP 1579905 A2 20050928 - DAEWOO ELECTRONICS CORP [KR]
- [X] US 2763994 A 19560925 - CHANDLER EDWARD F
- [X] US 2103479 A 19371228 - WILLIAM MAGEE
- [A] US 4494600 A 19850122 - DELAU BRUCE E [US]

Cited by

CN103917289A; CN103518112A; RU2615360C2; EP3064876A1; CN105937825A; EP2292321A1; FR2949355A1; US9038401B2; US9945603B2; US9770694B2; WO2016008716A1; WO2012130626A1; WO2013068049A1

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