

Title (en)
Cooling device with bottle cooling function

Title (de)
Kältegerät mit Flaschenkühlfunktion

Title (fr)
Appareil frigorifique doté d'une fonction de refroidissement de bouteilles

Publication
EP 2218995 A2 20100818 (DE)

Application
EP 10151795 A 20100127

Priority
DE 102009000850 A 20090213

Abstract (en)
The device has an evaporator (9), and a fluid reservoir (13) limited by a flexible foil and staying in thermal contact with the evaporator. The foil limits a storage area for a bottle (8). The storage area is located below the fluid reservoir. The evaporator is immersed in the fluid reservoir. The evaporator forms an upper side of the fluid reservoir. A close thermal contact is formed by a heat transfer circuit serving as a thermo siphon. The transfer circuit has a heat exchanger staying in contact with the evaporator. Another heat exchanger stays in contact with the fluid reservoir.

Abstract (de)
Bei einem Kältegerät mit wenigstens einem Verdampfer (9) und einem in engem thermischem Kontakt mit dem Verdampfer (9) stehenden Flüssigkeitsreservoir (13) begrenzt eine flexible Folie einerseits das Flüssigkeitsreservoir und andererseits einen Lagerplatz für eine Flasche (8).

IPC 8 full level
F25D 31/00 (2006.01)

CPC (source: EP US)
F25B 39/02 (2013.01 - EP); **F25B 41/37** (2021.01 - EP US); **F25D 31/007** (2013.01 - EP US); **F25D 2331/803** (2013.01 - EP); **F25D 2400/28** (2013.01 - EP); **F25D 2600/04** (2013.01 - EP); **F25D 2700/06** (2013.01 - EP)

Citation (applicant)
DE 102004035017 A1 20060216 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
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Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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