

Title (en)

Apparatus for dispensing liquids, especially beverages

Title (de)

Vorrichtung zum Abgeben von Flüssigkeiten, insbesondere Getränken

Title (fr)

Appareil de distribution de liquides, en particulier de boissons

Publication

EP 0905084 B1 20010321 (FR)

Application

EP 98402389 A 19980929

Priority

FR 9712128 A 19970930

Abstract (en)

[origin: EP0905084A1] The dispenser comprises a housing (1) with an intermediate reservoir (21) and a collar (4) to receive the neck (19) of an inverted container. The collar has a lower wall (9) traversed by a sleeve (10) holding an outlet connector (11) linking the container to the intermediate reservoir. The intermediate reservoir (21) is equipped with a system for treating the liquid before it is dispensed, e.g. a heater, cooler (29) or gasifier. It is made from a food grade plastic with a relatively rigid upper section (26) and a supple lower section (25) which fits in a cooling chamber (28). The two sections are separated by a constriction (24) forming an external space filled by a thermal insulation material (55). The upper rigid section has a number of branches (43, 52, 54), e.g. for an outlet tube (44) for cooled liquid or other outlets for liquid at close to ambient temperature.

IPC 1-7

B67D 3/00

IPC 8 full level

B67D 3/00 (2006.01)

CPC (source: EP KR US)

B67D 3/0009 (2013.01 - EP KR US); **B67D 3/0029** (2013.01 - EP KR US)

Cited by

EP2799392A1; ITBO20100278A1; KR19990030252A; ITBO20100277A1; CN103108829A; ITBO20100276A1; FR3005044A1; EP0983962A1; FR2782994A1; AU751307B2; FR3005043A1; WO2011138656A1; US9963337B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0905084 A1 19990331; EP 0905084 B1 20010321; AT E199880 T1 20010415; CA 2248475 A1 19990330; CA 2248475 C 20061010; DE 69800615 D1 20010426; DE 69800615 T2 20011018; DK 0905084 T3 20010625; ES 2156023 T3 20010601; FR 2769610 A1 19990416; FR 2769610 B1 20000107; GR 3035851 T3 20010831; HK 1019059 A1 20000121; KR 19990030252 A 19990426; PT 905084 E 20010928; US 5979709 A 19991109

DOCDB simple family (application)

EP 98402389 A 19980929; AT 98402389 T 19980929; CA 2248475 A 19980928; DE 69800615 T 19980929; DK 98402389 T 19980929; ES 98402389 T 19980929; FR 9712128 A 19970930; GR 20010400701 T 20010511; HK 99104186 A 19990927; KR 19980040599 A 19980929; PT 98402389 T 19980929; US 16262398 A 19980929