

Title (en)
BEVERAGE SUPPLY DEVICE

Title (de)
VORRICHTUNG ZUR GETRÄNKEBEREITSTELLUNG

Title (fr)
DISPOSITIF DE DISTRIBUTION DE BOISSONS

Publication
EP 4091985 A1 20221123 (EN)

Application
EP 22173591 A 20220516

Priority
JP 2021082908 A 20210517

Abstract (en)
A beverage supply device (1) including a circulation flow path (2) in which carbonated water is circulated, and a carbonated water sterilization device (3, 7, 8) provided in the circulation flow path (2). The carbonated water sterilization device (3, 7, 8) includes: a main tube portion (10, 60, 70) which includes an inlet port (11) for carbonated water provided on one side of both ends which are opposite to each other in an axis direction of the main tube portion (10, 60, 70), and an outlet port (12) for the carbonated water provided on the other side, a light source portion (30) configured to irradiate the carbonated water flowing through the main tube portion (10, 60, 70) with ultraviolet light, and a cap portion (40) which has an ability to transmit ultraviolet light, the cap portion (40) being configured to separate the light source portion (30) and the main tube portion (10, 60, 70).

IPC 8 full level
B67D 1/00 (2006.01)

CPC (source: EP)
B67D 1/0042 (2013.01); **B67D 1/0054** (2013.01); **B67D 2210/00015** (2013.01)

Citation (applicant)
• JP H0427808 B2 19920512
• JP 2019018198 A 20190207 - ASAHI KASEI CORP

Citation (search report)
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• [A] US 2016278424 A1 20160929 - LIAO YITAO [US], et al
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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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4091985 A1 20221123; JP 2022176460 A 20221130

DOCDB simple family (application)
EP 22173591 A 20220516; JP 2021082908 A 20210517