

Title (en)

CARBONATOR, DRINKING LIQUID CONTAINER AND DEVICE FOR CARBONATING A DRINKING LIQUID

Title (de)

KARBONISATOR, TRINKFLÜSSIGKEITSBEHÄLTER UND VORRICHTUNG ZUM KARBONISIEREN EINER TRINKFLÜSSIGKEIT

Title (fr)

CARBONATEUR, RÉCIPIENT DE LIQUIDE POTABLE ET DISPOSITIF POUR LA CARBONATATION D'UN LIQUIDE POTABLE

Publication

EP 3917332 A1 20211208 (DE)

Application

EP 20701600 A 20200122

Priority

- DE 202019000510 U 20190202
- EP 2020051495 W 20200122

Abstract (en)

[origin: WO2020156900A1] The invention relates to a carbonator (10) for carbonating a drinking liquid (2), comprising a reaction container (12) for spatially separately accommodating an activating liquid (6) and a carbonating agent (4) that is chemically active and together with the activating liquid (6) forms CO₂ gas (8). The reaction container (12) has a gas outlet opening (14), joining means for combining the activating liquid (6) and of the carbonating agent (4) in order to trigger the chemical reaction between the activating liquid (6) and the carbonating agent (4), and having connecting means (80) arranged at the gas outlet opening (14) for connecting a drinking liquid container which has a drinking liquid container (100) containing a drinking liquid (2) to be carbonated, a gas outlet valve (16) being arranged in the gas outlet opening (14).

IPC 8 full level

A23L 2/54 (2006.01)

CPC (source: EP IL)

A23L 2/54 (2013.01 - EP IL)

Citation (search report)

See references of WO 2020156900A1

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

DOCDB simple family (publication)

DE 202019000510 U1 20190313; CN 113412059 A 20210917; EP 3917332 A1 20211208; IL 285243 A 20210930; WO 2020156900 A1 20200806

DOCDB simple family (application)

DE 202019000510 U 20190202; CN 202080011795 A 20200122; EP 2020051495 W 20200122; EP 20701600 A 20200122; IL 28524321 A 20210729