

Title (en)

EFFERVESCENT-BEVERAGE POURING DEVICE

Title (de)

AUSGIESSVORRICHTUNG FÜR BRAUSEGETRÄNKE

Title (fr)

DISPOSITIF DE VERSEMENT DE BOISSON EFFERVESCENTE

Publication

EP 3904277 A4 20220914 (EN)

Application

EP 19903263 A 20191224

Priority

- JP 2018246031 A 20181227
- JP 2019050654 W 20191224

Abstract (en)

[origin: EP3904277A1] An effervescent-beverage pouring device comprising a first tube 51 for supplying the effervescent-beverage, a second tube 53b harder than the first tube 51 and to be inserted into the inside of the first tube 51, and an element 54 for applying ultrasonic waves to the first tube 51 at a position where the first tube 51 and the second tube 53b are superposed.

IPC 8 full level

B67D 1/08 (2006.01); **B67D 1/12** (2006.01); **B67D 1/14** (2006.01)

CPC (source: EP KR)

B67D 1/0406 (2013.01 - EP); **B67D 1/0831** (2013.01 - KR); **B67D 1/0841** (2013.01 - KR); **B67D 1/0888** (2013.01 - EP); **B67D 1/1275** (2013.01 - EP); **B67D 1/1416** (2013.01 - EP); **B67D 1/07** (2013.01 - EP); **B67D 1/0831** (2013.01 - EP); **B67D 1/0857** (2013.01 - EP); **B67D 2210/00049** (2013.01 - EP)

Citation (search report)

- [A] US 6105825 A 20000822 - GOMI TATSUYA [JP], et al
- [A] WO 2017105552 A1 20170622 - FIZZICS GROUP LLC [US], et al
- [A] GB 1378692 A 19741227 - WHITBREAD CO
- See references of WO 2020138099A1

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

DOCDB simple family (publication)

EP 3904277 A1 20211103; **EP 3904277 A4 20220914**; CN 113226974 A 20210806; JP 7263395 B2 20230424; JP WO2020138099 A1 20211111; KR 20210091301 A 20210721; WO 2020138099 A1 20200702

DOCDB simple family (application)

EP 19903263 A 20191224; CN 201980086008 A 20191224; JP 2019050654 W 20191224; JP 2020563316 A 20191224; KR 20217018894 A 20191224