

Title (en)

MANIFOLD FOR ADDING MINERAL SALTS TO A BEVERAGE AVOIDING SCALING AND PRECIPITATION; BEVERAGE DISPENSER HAVING SUCH MANIFOLD

Title (de)

VERTEILER ZUM HINZUFÜGEN VON MINERALSTOFFEN ZU EINEM GETRÄNK ZUR VERMEIDUNG VON ABLAGERUNGEN UND AUSFÄLLUNG; GETRÄNKESPENDER MIT EINEM SOLCHEN VERTEILER

Title (fr)

COLLECTEUR POUR AJOUTER DES SELS MINÉRAUX À UNE BOISSON ÉVITANT L'ENTARTRAGE ET LES PRÉCIPITATIONS ET DISTRIBUTEUR DE BOISSONS AYANT UN TEL COLLECTEUR

Publication

EP 3974373 A1 20220330 (EN)

Application

EP 20198736 A 20200928

Priority

EP 20198736 A 20200928

Abstract (en)

Beverage mineralization device (200) that avoids scaling and precipitation of minerals by a supplementation inlet valve (462), such as a duckbill valve connected to an outlet (216a) of a mineralization conduit (216) feeding solved minerals in concentration close to saturation into beverage to be mineralized (464).

IPC 8 full level

B67D 1/00 (2006.01); **B67D 1/07** (2006.01)

CPC (source: EP)

B67D 1/0021 (2013.01); **B67D 1/0046** (2013.01); **B67D 1/0031** (2013.01); **B67D 2001/0093** (2013.01); **B67D 2001/0094** (2013.01); **B67D 2001/075** (2013.01); **B67D 2210/0001** (2013.01); **B67D 2210/0006** (2013.01); **B67D 2210/0012** (2013.01)

Citation (applicant)

- DE 202010006679 U1 20100819 - AQUA LOHAS WATER TECH SERVICE [TW]
- WO 9406547 A1 19940331 - VOGEL PREMIUM WATER CO J [US]
- US 5443739 A 19950822 - VOGEL GERALD [US], et al
- EP 3663578 A1 20200610 - RIPRUP CO SA [GG]
- EP 3489200 A1 20190529 - RIPRUP CO SA [GG]
- EP 3489200 A1 20190529 - RIPRUP CO SA [GG]
- US 2016198997 A1 20160714 - KRISHNAKUMAR ASHWIN [IN], et al
- CN 201811406508 A 20181123

Citation (search report)

- [XY] US 2017225936 A1 20170810 - JERSEY STEVEN T [US], et al
- [X] US 2007257059 A1 20071108 - STEVENSON WILLIAM C [US]
- [X] WO 2010015828 A1 20100211 - WATER WERKZ LTD [GB], et al
- [Y] EP 2759234 A1 20140730 - FRIESLAND BRANDS BV [NL]
- [Y] US 6098418 A 20000808 - KYEES MELVIN D [US]

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)

EP 3974373 A1 20220330

DOCDB simple family (application)

EP 20198736 A 20200928