

Title (en)
APPARATUS FOR THE MACHINE-CONTROLLED PRODUCTION OF MULTI-COMPONENT BEVERAGES

Title (de)
VORRICHTUNG ZUR MASCHINENGESTEUERTEN HERSTELLUNG VON MISCHGETRÄNKEN

Title (fr)
DISPOSITIF DE PRÉPARATION DES BOISSONS MÉLANGÉES COMMANDÉ PAR MACHINE

Publication
EP 3468911 A1 20190417 (DE)

Application
EP 17730715 A 20170602

Priority
• DE 102016110626 A 20160609
• EP 2017063473 W 20170602

Abstract (en)
[origin: WO2017211718A1] The invention relates to an apparatus (1) for the machine-controlled production of multi-component beverages, having a cup dispenser (2) and a filling unit (3) for a plurality of beverage containers (10), having a data-processing system (4) with at least one operator-controlled computer program, in the form of stored software, for mixtures of a number of multi-component beverages, and a display (5), wherein the data-processing system (4) executes all the control or regulating operations by means of the computer program, wherein by means of the computer program, in accordance with operator selection of a certain mixture, the filling unit (3) can introduce the ingredients of a multi-component beverage into beverage containers (10) in a controlled and regulated manner, wherein - for interaction with the filling unit (3), a transporting apparatus (6) is designed with retaining devices (7) for beverage containers (10), - the filling unit (3) has a plurality of filling stations (31, 32), beneath which can be arranged the retaining devices (7) of the transporting apparatus (6) with the beverage containers (10), - the filling stations (31, 32) have at least one first filling station (31) for filling with solid ingredients and at least one second filling station (32) for the mixing of the beverage components, - the filling stations (31, 32) can be used simultaneously in automated fashion by means of the data-processing system (4), and - downstream of the filling unit (3), the transporting apparatus (6) is designed in the form of a delivery unit (9) for providing a number of finished multi-component beverages.

IPC 8 full level
B67D 1/00 (2006.01); **G06Q 10/06** (2012.01)

CPC (source: EP)
B67D 1/0041 (2013.01); **B67D 2210/00068** (2013.01); **B67D 2210/00076** (2013.01); **B67D 2210/00078** (2013.01)

Citation (search report)
See references of WO 2017211718A1

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 102016110626 A1 20171214; EP 3468911 A1 20190417; EP 3468911 B1 20230628; EP 3468911 C0 20230628;
WO 2017211718 A1 20171214

DOCDB simple family (application)
DE 102016110626 A 20160609; EP 17730715 A 20170602; EP 2017063473 W 20170602