

Title (en)

ROTARY DISTRIBUTING ARRANGEMENT AND METHOD FOR OPERATING A ROTARY DISTRIBUTING ARRANGEMENT

Title (de)

DREHVERTEILERANORDNUNG UND VERFAHREN ZUM BETRIEB EINER DREHVERTEILERANORDNUNG

Title (fr)

SYSTÈME DE DISTRIBUTION ROTATIF ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN SYSTÈME DE DISTRIBUTION ROTATIF

Publication

EP 2665677 A1 20131127 (DE)

Application

EP 12700308 A 20120111

Priority

- DE 102011008948 A 20110119
- EP 2012000091 W 20120111

Abstract (en)

[origin: WO2012097966A1] A rotary distributing arrangement and associated method for operating a rotary distributing arrangement for distributing different media to a number of treatment stations rotating about a vertical axis (RA) for barrel-like containers, in particular kegs, comprising at least one distributing disc (2), having a number of feed openings (2'), and at least one counter-disc (3), which discs are arranged parallel to each other and fixed in place along the vertical axis (RA) and between which there is a control disc (4), which is rotatable about the vertical axis (RA) and has a number of through-openings (4'), wherein, to produce a liquid- and/or gas-tight surface-area connection at least between the distributing disc (2) and the control disc (3), the discs (2, 3, 4) are prestressed with respect to one another by being subjected to a prestressing force (F). Particularly advantageously, the amount of the prestressing force (F) can be set by means of a control arrangement (8), to be precise in such a way that, when the rotary distributing arrangement (1) is first operated once again, the discs are subjected to a reduced prestressing force (F*), of an amount that is reduced in comparison with normal operation.

IPC 8 full level

B67C 3/22 (2006.01)

CPC (source: EP)

B67C 3/22 (2013.01)

Citation (search report)

See references of WO 2012097966A1

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)

DE 102011008948 A1 20120719; EP 2665677 A1 20131127; EP 2665677 B1 20150610; ES 2543605 T3 20150820; JP 2014505641 A 20140306; JP 6067583 B2 20170125; WO 2012097966 A1 20120726

DOCDB simple family (application)

DE 102011008948 A 20110119; EP 12700308 A 20120111; EP 2012000091 W 20120111; ES 12700308 T 20120111; JP 2013549752 A 20120111