

Title (en)  
DISPENSING HEAD

Title (de)  
AUSGABEKOPF

Title (fr)  
TÊTE DE DISTRIBUTION

Publication  
**EP 3904276 A4 20220914 (EN)**

Application  
**EP 19904681 A 20191224**

Priority  
• JP 2018245997 A 20181227  
• JP 2019050674 W 20191224

Abstract (en)  
[origin: EP3904276A1] A dispensing head 70 comprising a case 75 and a plunger 76. The case 75 has inlets 71 and 72 and seal means S5 and S6. The plunger 76 has grooves 76a and 76b. In a first connection state, the seal means S5 and S6 slidably contact the outer circumferential surface of the plunger 76 and both of the inlets 71 and 72 are cut off from the inside of the drink container and through hole 78. In a second connection state, clearances are formed between the seal means S5 and the groove 76a and between the seal means S6 and the groove 76b and both of the inlets 71 and 72 fluidly communicate with the through hole 78, and are cut off from the inside of the drink container. In a third connection state, the seal means S5 slidably contacts the outer circumferential surface of the plunger 76, a clearance is formed between the seal means S6 and the groove 76b, the inlet 71 is cut off from the inside of the drink container and through hole 78, and the inlet 72 is fluidly communicated with the through hole 78 through the inside of the drink container.

IPC 8 full level  
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CPC (source: EP KR)  
**B67D 1/0042** (2013.01 - KR); **B67D 1/04** (2013.01 - KR); **B67D 1/0406** (2013.01 - EP); **B67D 1/07** (2013.01 - EP KR); **B67D 1/0834** (2013.01 - EP); **B67D 1/0864** (2013.01 - EP); **B67D 1/0888** (2013.01 - EP); **B67D 3/04** (2013.01 - KR)

Citation (search report)  
• [A] EP 0641736 A1 19950308 - KIRIN BREWERY [JP]  
• [A] DE 102014101652 A1 20150813 - CMB SCHANKANLAGEN GMBH [DE]  
• See references of WO 2020138103A1

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

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**EP 3904276 A1 20211103**; **EP 3904276 A4 20220914**; CN 113226973 A 20210806; CN 113226973 B 20220906; JP 2020104890 A 20200709; JP 6567157 B1 20190828; KR 20210105909 A 20210827; WO 2020138103 A1 20200702

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