

Title (en)

BEVERAGE RECEPTACLE AND VALVE FOR INJECTION-VIA-BOTTOM BEVERAGE RECEPTACLE

Title (de)

GETRÄNKEBEHÄLTER UND VENTIL FÜR GETRÄNKEBEHÄLTER MIT INJEKTION ÜBER BODEN

Title (fr)

RÉCIPIENT DE BOISSON ET VALVE SERVANT À UN RÉCIPIENT DE BOISSON À INJECTION PAR LE FOND

Publication

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Application

EP 16911731 A 20161214

Priority

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Abstract (en)

[origin: EP3495281A1] The present invention relates to a beverage receptacle and a valve for an injection-via-bottom beverage receptacle, and particularly to a beverage receptacle and a valve for an injection-via-bottom beverage receptacle, the valve comprising: a cover part for opening and closing an injection port; a blade part arranged on a lower part of the cover part; and an elastic part arranged between the cover part and the blade part and applying elastic force to the cover part in a direction in which the injection port is closed, wherein the elastic part has provided thereto a through-hole into which a nozzle is fitted, and injection holes which communicate with the through-hole, wherein the elastic part is formed from a soft elastic material, and thus the structure of the valve is greatly simplified, thereby enabling the easy washing and drying thereof, thus enabling the prevention of bacterial propagation, and maintenance and repair thereof is easy, and the assembly thereof is easy since the number of components is reduced, and a beverage is prevented from leaking between the nozzle and the valve when injecting same since the nozzle is fitted into the elastic part, and the cover part may be formed so as to maximize watertightness since the cover part does not have to be subject to elastic deformation when injecting the beverage.

IPC 8 full level

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Citation (search report)

- [XAI] CA 2943660 A1 20160114 - NPC CO LTD [KR], et al
- [XAI] KR 20150135994 A 20151204 - JRP CORP [KR], et al
- [X] JP S55104164 U 19800721
- See references of WO 2018026070A1

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