

Title (en)
DISCHARGER.

Title (de)
ENTLEERVORRICHTUNG.

Title (fr)
SIPHON.

Publication
EP 0186709 A4 19870713 (EN)

Application
EP 85902664 A 19850604

Priority
JP 11427084 A 19840604

Abstract (en)
[origin: WO8505615A1] A discharger used to discharge a fluid, such as beer or a softdrink, from their containers by utilizing the pressure of a pressure fluid, such as carbon dioxide. This discharger consists of a cover for closing an opening of a container in which a material to be discharged therefrom is stored, a holder, which is joined to the cover via a joint portion provided on the cover, and which houses a cylinder fitted therein and filled with a pressure fluid, a valve, which has a needle member provided thereon in opposition to a seal member in the cylinder used to open the seal member, said needle member is disposed so that it is urged by a spring in the direction in which it leaves the seal member, a first slidable operating rod for moving the valve slidingly, a gas injection pipe connecting a gas flow passage in the holder and the container to each other, a communication passage provided in the cover so as to communicate the interior of the container and the exterior thereof with each other, a second slidable operating rod, which is provided at its free end with a valve for opening and closing the communication passage; (and which is impelled by a spring) and an operating lever secured pivotably to the joint portion of the cover so that a cam surface provided on a base end portion of the lever engages the first slidable operating rod with the inner surface of an intermediate portion of the lever engaging the second slidable operating rod. The operating lever having cam surfaces at its base end portion is turned to move the first and second slidable operating rod interlockingly in the mentioned order and open a discharge port. A pressure fluid is then injected into the container to discharge the material stored therein.

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B65D 47/34 (2006.01); **B67D 1/04** (2006.01)

CPC (source: EP)
B67D 1/0418 (2013.01)

Citation (search report)
• [X] US 3511417 A 19700512 - ROUSSET RENE P
• [X] US 3420418 A 19690107 - ROUSSET RENE P, et al
• See references of WO 8505615A1

Cited by
US5111974A; EP0731772A4; CN109717598A; US2011049193A1; US2023302417A1; DE102007032414B4; DE102007032414A1; EP0342977A1; US5014886A

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