

Title (en)  
FITTING FOR A PET KEG

Title (de)  
BESCHLAG FÜR EIN PET-FASS

Title (fr)  
ACCESSOIRE POUR GOURDE EN PET

Publication  
**EP 3950571 A4 20230111 (EN)**

Application  
**EP 19920687 A 20190809**

Priority  
• RU 2019108746 A 20190326  
• RU 2019000567 W 20190809

Abstract (en)  
[origin: EP3950571A1] The invention relates to closure structures for polyethylene terephthalate containers, which can be mounted on the necks of PET kegs for dispensing, storing and transporting beverages kept under pressure inside a PET keg. A fitting comprises a cap with a central aperture, a hollow rod, a valve element, a spring, and a ring nut. The rod is configured to have a first open end and a second closed end with an annular flange, the surface of revolution of the rod is provided with a port, and the rod has a valve element mounted thereon having an inner annular shoulder, which interacts with the annular flange of the rod, and an outer annular shoulder. The spring is mounted between the valve element and the ring nut, and the cap is configured in the shape of a mushroom and is connected to the ring nut by a threaded joint. Apertures are provided in the bottom part of the ring nut, and a washer ring is disposed between the ledge and the cylindrical surface of the cap. The valve element comprises a blind passageway which is open at the bottom end and is closed at the top end by a thin seal. The technical result is a reliable, manufacturable and operationally safe fitting for a PET keg.

IPC 8 full level  
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CPC (source: EP RU)  
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Citation (search report)  
• [A] EP 3348517 A1 20180718 - OBSHESTVO S ORGRANICHENNOY OTVETSTVENNOSTIU KAZANSKY ZAVOD EUROPLAST [RU]  
• [A] WO 2005113416 A1 20051201 - INBEV SA [BE], et al  
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• [A] RU 183066 U1 20180907  
• See also references of WO 2020197434A1

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DOCDB simple family (publication)  
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