

Title (en)  
DROPPER DISTRIBUTOR OF TELESCOPIC LIQUID SUCTION TUBE

Title (de)  
TROPFERVERTEILER EINES TELESKOPISCHEN FLÜSSIGKEITSSAUGROHRS

Title (fr)  
DISTRIBUTEUR DE COMPTE-GOUTTES DE TUBE D'ASPIRATION DE LIQUIDE TÉLESCOPIQUE

Publication  
**EP 2995570 B1 20190227 (EN)**

Application  
**EP 15745355 A 20150630**

Priority  
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• CN 2015082926 W 20150630

Abstract (en)  
[origin: WO2016008363A1] Disclosed is a dropper distributor of a telescopic liquid suction tube, comprising an accommodating cylinder (10) inserted in a bottle mouth, wherein a big piston (5), a spring (6), a small piston (9) and a liquid suction tube (8) are arranged in the accommodating cylinder in sequence from top to bottom, a fixed lock (3) is arranged at the top of the accommodating cylinder, the big piston is slidably connected in the accommodating cylinder, and the big piston is provided with an inner cavity with a downward opening; the upper part of the small piston is inserted in the inner cavity of the big piston, so that the two form a sliding connection; the spring is sandwiched and pressed between the small piston and the big piston; the top of the liquid suction tube is slidably connected to the lower part of the accommodating cylinder; the lower end of the small piston is crimped on the liquid suction tube, and a liquid suction mouth of the liquid suction tube is in contact with the bottom of a bottle (11); and a nut (2) is crimped on the big piston, the nut is in threaded connection with the neck of the bottle, a sleeve (4) is arranged on the nut, the sleeve is fixed to the accommodating cylinder, and the nut is statically connected to the sleeve in the circumferential direction and slidably connected to the sleeve in the axial direction. The dropper distributor of a telescopic liquid suction tube can guarantee that the liquid suction tube is not bent, and can make the liquid suction mouth thereof stay at the bottommost part of a container.

IPC 8 full level  
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Citation (examination)  
• CN 203958895 U 20141126 - UNIPACK INDUSTRY SHENZHEN CO LTD  
• CN 1974339 A 20070606 - QIU ZHENGQUANG [CN]

Cited by  
CN112061580A; US11986843B2

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