

Title (en)  
LIQUID DISPENSERS

Title (de)  
FLÜSSIGKEITSSPENDER

Title (fr)  
DISTRIBUTEURS DE LIQUIDE

Publication  
**EP 2382140 A1 20111102 (EN)**

Application  
**EP 10701033 A 20100111**

Priority  
• GB 2010000036 W 20100111  
• GB 0900559 A 20090114

Abstract (en)  
[origin: WO2010082017A1] A liquid dispenser of resealable type includes an outer tube (22) with a discharge opening (28) formed in it and an inner tube (20), which is partially accommodated within the outer tube (22) and defines with it an annular space. The outer tube is connected in a sealed manner to a one-piece connection member (2), which defines an inlet space, for connection to a liquid container. One end of the inner tube (20) is closed and the outer tube (22) is integrally connected to the inner tube (20) by a flexible integral web (24), whose width in the radial direction is greater than that of the annular space. A liquid flow opening (30) is formed in the wall of the inner tube (20) and the inner tube (20) is movable longitudinally within the outer tube (22) between an open position, in which the inlet space communicates with the discharge opening (28), and a closed position, in which the inlet space does not communicate with the discharge opening (28). The connection member (2) includes an integral tubular portion (10), of which one end is closed and the other end communicates with the inlet space. A liquid flow opening (12) is formed in the tubular portion (10) and the outer surface of the tubular portion (10) is in sliding sealed contact with the inner surface of the inner tube (20), whereby the two flow openings (12, 30) are at least partially in registry in the open position and are out of registry in the closed position.

IPC 8 full level  
**B65D 47/28** (2006.01); **B65D 47/32** (2006.01); **B65D 77/06** (2006.01)

CPC (source: EP)  
**B65D 47/283** (2013.01); **B65D 47/32** (2013.01); **B65D 77/067** (2013.01); **B65D 2205/00** (2013.01)

Citation (search report)  
See references of WO 2010082017A1

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2010082017 A1 20100722**; CN 102307792 A 20120104; CN 102307792 B 20130612; EP 2382140 A1 20111102; EP 2382140 B1 20130320; GB 0900559 D0 20090211

DOCDB simple family (application)  
**GB 2010000036 W 20100111**; CN 201080004661 A 20100111; EP 10701033 A 20100111; GB 0900559 A 20090114