

Title (en)

Dispensing arrangement for a liquid soap dispensing apparatus.

Title (de)

Abgabevorrichtung für einen Flüssigseifenspender.

Title (fr)

Dispositif distributeur pour un distributeur de savons liquides.

Publication

EP 0517683 A1 19921209 (EN)

Application

EP 92830297 A 19920604

Priority

IT MI910498 U 19910606

Abstract (en)

An improved dispensing arrangement (1) adapted to be used in a liquid soap dispensing apparatus, of a type including a check valve (12) in the upper portion thereof and a small dispensing valve (14) in the exit area thereof, at the bottom of a thin flexible tube (10). The improvement comprises the fact that in the upper region of said check valve said tube is fastened to an internally threaded nut (4) for threaded engagement with corresponding threads provided at the dispensing port of a supply cartridge (2). Said nut (4) comprises the support member for the whole arrangement within the dispenser, possibly by using a peripheral circumferential deep groove (6) thereof. In addition said dispensing valve comprising, as it is already known, a spring (15) and a moving ball-shaped or poppet-shaped valve member (16), is inserted within a cartridge locked at the lower end of said tube and provided with a seat for said moving member. <IMAGE>

IPC 1-7

A47K 5/12

IPC 8 full level

A47K 5/12 (2006.01)

CPC (source: EP)

A47K 5/1209 (2013.01)

Citation (search report)

- [X] US 4773569 A 19880927 - LARSSON UNO [SE]
- [X] DE 3430646 A1 19850328 - BELZ APPARATE AG [CH]
- [A] GB 2183617 A 19870610 - MOAKES DAVID PHILIP

Cited by

US7798370B2; AU2004283749B2; KR101115166B1; KR101287337B1; WO2005070272A1; WO2005039371A1; WO2005039370A1; JP2007509014A; JP2007511257A; JP2007508915A

Designated contracting state (EPC)

DE ES FR GB NL PT

DOCDB simple family (publication)

EP 0517683 A1 19921209; EP 0517683 B1 19960131; DE 69207956 D1 19960314; DE 69207956 T2 19960801; ES 2083140 T3 19960401; IT 221905 Z2 19941206; IT MI910498 U1 19921206; IT MI910498 V0 19910606

DOCDB simple family (application)

EP 92830297 A 19920604; DE 69207956 T 19920604; ES 92830297 T 19920604; IT MI910498 U 19910606