

Title (en)
Anti-leakage liquid soap valve structure

Title (de)
Antileck-Flüssigseifenventilstruktur

Title (fr)
Structure de soupape de savon liquide antifuite

Publication
EP 2716196 B1 20141210 (EN)

Application
EP 12187417 A 20121005

Priority
EP 12187417 A 20121005

Abstract (en)
[origin: EP2716196A1] An anti-leakage liquid soap valve structure includes a liquid soap conduit, an air conduit and a foam discharging tube (30). The liquid soap conduit includes a soap entering tube (212) for receiving liquid soap (42), a soap discharging tube (24) communicating with the soap entering tube (212) and having a liquid soap chamber (243), a liquid soap exit (244), and a soap discharging valve (25). The soap discharging valve (25) includes an elastic washer (255) disposed at the liquid soap exit (244), and a pressing member to press against the elastic washer (255). The air conduit includes an outer housing (20) forming an air chamber (28) with the liquid soap conduit, an air exit (245) located at one side of the air chamber (28), and an air supply valve linking with the soap discharging tube (24). The foam discharging tube (30) includes a gas-liquid mixing chamber (311) located at the liquid soap exit (244) and the air exit (254), and a foam exit (35) communicating with the gas-liquid mixing chamber (311).

IPC 8 full level
A47K 5/14 (2006.01)

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