

Title (en)
LIQUID SOAP DISPENSER

Publication
EP 0232571 B1 19911106 (EN)

Application
EP 86300742 A 19860204

Priority
EP 86300742 A 19860204

Abstract (en)
[origin: EP0232571A1] A dispenser (10) for liquid soap containing grit includes a cylindrical, flexible, resilient nipple (31) mountable on a soap container (12) in communication with the outlet opening (16) thereof, and clamping therebetween a check valve assembly (40) including a slitted flexible membrane (45). The nipple has a duckbill-shaped tip (38) with a discharge slit (39) therein. Soap (20) fills the nipple. For dispensing soap, an actuator (50) laterally compresses the nipple in directions perpendicular to its longitudinal axis and to the discharge slit. The increased pressure in the nipple holds the check valve closed and ejects soap from the discharge slit. When the actuator is released the nipple expands to its normal position, closing the discharge slit and opening the check valve to draw a new charge of soap into the nipple.

IPC 1-7
A47K 5/12

IPC 8 full level
A47K 5/12 (2006.01)

CPC (source: EP)
A47K 5/1209 (2013.01)

Cited by
DE9318312U1; US7543684B2; EP0459943A1; CH683064A5; EP0455431A1; EP0380204A1; US9199834B2; USRE37016E; US7066356B2; US6673295B1; US7041246B2

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