

Title (en)  
DEVICE FOR THE PORTIONAL FORMATION OF SOAP LATHER

Publication  
**EP 0079853 A3 19830622 (DE)**

Application  
**EP 82810465 A 19821102**

Priority  
CH 739981 A 19811118

Abstract (en)  
[origin: EP0079853A2] 1. A device for the portional formation of soap lather comprising of a storage container (V) for an aqueous soap solution, a soap solution metering pump (3) and a compressed air diaphragm pump (9) which are actuatable by a single lever, the pump having a diaphragm piston (14) and return spring (12), and a mixing chamber (8) for the formation of lather, characterized in that the compressed air diaphragm pump (9) is constructed so as to be double-acting (figure).

IPC 1-7  
**A45D 27/10; A47K 5/14**

IPC 8 full level  
**A45D 27/10** (2006.01); **A47K 5/14** (2006.01); **B05B 7/00** (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP)  
**A45D 27/10** (2013.01); **A47K 5/14** (2013.01); **B05B 7/0037** (2013.01); **B05B 11/1087** (2023.01)

Citation (search report)

- [AD] EP 0019582 B1 19840314
- [A] US 1896624 A 19330207 - HOLLAMDS HAROLD W
- [A] US 2871058 A 19590127 - SALVATORE PUGLIA
- [A] DE 2201570 A1 19730816 - DEUTSCHE VERGASER GMBH CO KG

Cited by  
FR2735004A1; US5810201A; AU712348B2; US5862954A; US7611033B2; US7198177B2; WO9803107A1; WO9602178A1; EP0984715B2

Designated contracting state (EPC)  
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**EP 82810465 A 19821102**; AT 82810465 T 19821102; BR 8206517 A 19821110; DE 3262348 T 19821102; HK 13090 A 19900215; JP 20125382 A 19821118; MY 8700034 A 19871230; SG 70785 A 19850924