

Title (en)  
Dispenser

Title (de)  
Spender

Title (fr)  
Distributeur

Publication  
**EP 1364719 A1 20031126 (EN)**

Application  
**EP 02253623 A 20020523**

Priority  
EP 02253623 A 20020523

Abstract (en)  
There is provided an emulsion dispenser comprising a housing (30) containing a plunger (31), a resilient member (45) having a cavity and an actuator having a dispensing tube (34). The actuator is connected to the top end of said plunger and is for moving the plunger within said housing (30) to compress the resilient member thereby expelling any emulsion contained within said resilient member cavity through the dispensing tube via the plunger (31). The resilient member is formed of a recyclable plastics material. <IMAGE>

IPC 1-7  
**B05B 11/00**

IPC 8 full level  
**B05B 11/00** (2006.01)

CPC (source: EP)  
**B05B 11/1023** (2023.01); **B05B 11/1035** (2023.01); **B05B 11/1054** (2023.01); **B05B 11/106** (2023.01); **B05B 11/1077** (2023.01);  
**B05B 11/1094** (2023.01); **B05B 11/1047** (2023.01); **B05B 11/1067** (2023.01)

Citation (search report)  
• [XY] WO 0204129 A1 20020117 - KATO SPRING WORKS CO LTD [JP], et al  
• [X] WO 0141611 A1 20010614 - KATO SPRING WORKS CO LTD [JP], et al  
• [XY] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 02 30 January 1998 (1998-01-30)  
• [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 13 30 November 1998 (1998-11-30)

Cited by  
EP1588776A3; EP1561515A3; US10751740B2; WO2020146292A1; WO2022132693A1; WO2022000662A1; WO2022038194A1; US7431181B2; US11660627B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1364719 A1 20031126**

DOCDB simple family (application)  
**EP 02253623 A 20020523**