

Title (en)
Fluid dispenser

Title (de)
Austragvorrichtung für Medien

Title (fr)
Distributeur de fluides

Publication
EP 1170061 B1 20091223 (DE)

Application
EP 01115977 A 20010630

Priority
DE 10032976 A 20000706

Abstract (en)
[origin: EP1477233A2] A device (11) for dispensing media comprising a pump (18) and an operating element (24) whose action direction (F) differs from the stroke direction (H) of the pump, is new.

IPC 8 full level
A45D 34/02 (2006.01); **B05B 11/00** (2006.01); **B65D 47/34** (2006.01); **B65D 83/76** (2006.01)

CPC (source: EP US)
B05B 11/0038 (2018.08 - EP US); **B05B 11/1011** (2023.01 - EP US); **B05B 11/1015** (2023.01 - EP US); **B05B 11/1056** (2023.01 - EP US); **B05B 11/1057** (2023.01 - EP US); **B05B 11/1023** (2023.01 - EP US)

Cited by
WO2011147687A1; EP1407826A3; CN103002759A; EP1834704A3; FR2932400A1; EP3730219A1; EP4039374A1; US8950395B2; US8689786B2; WO2020216599A3; WO2009153512A1; US8578942B2; US9848642B2; WO2024038372A1; EP1834704A2; US8006870B2; WO2019239058A1; US11413637B2

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 1170061 A2 20020109; EP 1170061 A3 20031119; EP 1170061 B1 20091223; AT E452708 T1 20100115; DE 10032976 A1 20020117; DE 20122164 U1 20040624; DE 50115270 D1 20100204; EP 1477233 A2 20041117; EP 1477233 A3 20070516; JP 2002128122 A 20020509; US 2002008122 A1 20020124; US 6527144 B2 20030304

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EP 01115977 A 20010630; AT 01115977 T 20010630; DE 10032976 A 20000706; DE 20122164 U 20010630; DE 50115270 T 20010630; EP 04019238 A 20010630; JP 2001204662 A 20010705; US 89930901 A 20010705