

Title (en)

Control of discharge for a fluid dispenser

Title (de)

Austrag-Steuerung für einen Medien-Spender

Title (fr)

Commande de la décharge pour un distributeur de fluide

Publication

EP 0938933 A3 20000809 (DE)

Application

EP 99103141 A 19990218

Priority

DE 19807921 A 19980225

Abstract (en)

[origin: EP0938933A2] The circuit (20) works an operating block (23) of the dispenser (2). A locking element (26) is especially provided for the blocking operation, and pref. the locking element has a control cam (27). The circuit has a control rotor (26, 33), which especially lies the rotor in the axis (10) of the dispenser. An indicator (40, 42) is provided for indicating the control condition.

IPC 1-7

B05B 11/00; **A61J 7/04**

IPC 8 full level

B65D 83/76 (2006.01); **A61J 7/04** (2006.01); **B05B 11/00** (2006.01); **B67D 1/10** (2006.01)

CPC (source: EP US)

A61J 7/0472 (2013.01 - EP US); **B05B 11/0027** (2013.01 - EP US); **B05B 11/108** (2023.01 - EP US); **A61J 7/0445** (2015.05 - EP US); **B05B 11/1059** (2023.01 - EP US)

Citation (search report)

- [XA] DE 19622124 A1 19971204 - SCHUCKMANN ALFRED VON [DE]
- [X] EP 0634223 A1 19950118 - SAINT LAURENT PARFUMS [FR]
- [A] US 3669312 A 19720613 - KUCKENS ALEXANDER, et al

Cited by

DE10006369A1; EP1125637A3; EP1123745A1; DE10006368A1; DE102008064559B4

Designated contracting state (EPC)

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US 6234366 B1 20010522; AT E252418 T1 20031115; DE 19807921 A1 19990826; DE 59907407 D1 20031127; DK 0938933 T3 20040301; EP 0938933 A2 19990901; EP 0938933 A3 20000809; EP 0938933 B1 20031022; JP 4335350 B2 20090930; JP H11278597 A 19991012

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