

Title (en)

Actuation device for a fluid dispenser

Title (de)

Betätigungseinrichtung für einen Medienspender

Title (fr)

Dispositif d'actionnement pour distributeur de fluides

Publication

**EP 1616629 A1 20060118 (DE)**

Application

**EP 05014620 A 20050706**

Priority

DE 102004035141 A 20040713

Abstract (en)

The operating device for a manually operated medium dispenser has an energy accumulator (4) in the form of a helical spring (11) for the accumulating of energy required for operating the dispenser, and means for (6) for the loading of the energy accumulator independently of a manual movement of an operating element. A control device (5) interacts with the loading means and initiates a release of the operating energy upon achieving an energy level corresponding to the operating energy.

IPC 8 full level

**B05B 11/00** (2006.01); **B67D 7/58** (2010.01)

CPC (source: EP US)

**B05B 11/1052** (2023.01 - EP US); **B05B 11/1056** (2023.01 - EP US); **B05B 11/1057** (2023.01 - EP US); **B05B 11/1076** (2023.01 - EP US); **B05B 11/1077** (2023.01 - EP US); **B05B 11/1092** (2023.01 - EP US); **B05B 11/0038** (2018.07 - EP US)

Citation (applicant)

- DE 10220557 A1 20031113 - PFEIFFER ERICH GMBH & CO KG [DE]
- EP 0925799 A2 19990630 - PY DANIEL C [US]

Citation (search report)

- [X] EP 0925799 A2 19990630 - PY DANIEL C [US]
- [X] WO 9220455 A1 19921126 - GALLI ROSARIA & C [IT]
- [X] FR 2220437 A1 19741004 - MESHBERG PHILIP [US]
- [X] US 4053086 A 19771011 - DEBARD ANDRE
- [A] FR 2837177 A1 20030919 - OREAL [FR]

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BE1021623B1; NL2028039B1; CN111632781A; EP1974827A1; US8056765B2; WO2015091936A1; WO2022225395A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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