

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 B1 20031022 (DE)**

Application

**EP 99103141 A 19990218**

Priority

DE 19807921 A 19980225

Abstract (en)

[origin: US6234366B1] A medium dispenser (2) includes an electric drive (30) and a mechanical lock (23) which is operated by the electrical drive (30) in response to a timed schedule stored in a memory device (36). The electric drive (30) and associated parts may be removably inserted into the medium storage portion of the unit (1). An indicator (40) is provided to signal the user through a visible or audible signal, or both, when the dispenser (1) is available for dispensing operations.

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)

Cited by

DE10006369A1; EP1125637A3; EP1123745A1; DE10006368A1; DE102008064559B4

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IE IT LI NL SE

DOCDB simple family (publication)

**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

DOCDB simple family (application)

**US 25510099 A 19990222**; AT 99103141 T 19990218; DE 19807921 A 19980225; DE 59907407 T 19990218; DK 99103141 T 19990218; EP 99103141 A 19990218; JP 4702099 A 19990224