

Title (en)
Electronic fluid dispenser

Title (de)
Elektronische Dosiervorrichtung

Title (fr)
Appareil de dosage électronique

Publication
EP 0998979 B1 20080611 (DE)

Application
EP 99120596 A 19991016

Priority
DE 19850417 A 19981102

Abstract (en)
[origin: EP0998979A2] The electrical dosing apparatus comprises a motor (1) having an electrical drive (7), at least one displacing device (2) operated by the motor (1) to pipette liquid and an electrical controlling- and/or regulating device for the motor (7) having a converter (17). The electrical controlling- and/or regulating device converts a supply voltage delivered from an electrical source (24) to a supply voltage predetermined on the load of the motor (1) in the height for the drive (7).

IPC 8 full level
B01L 3/02 (2006.01); **G01F 11/16** (2006.01); **B01L 99/00** (2010.01); **H02P 8/14** (2006.01)

CPC (source: EP US)
B01L 3/0227 (2013.01 - EP US); **B01L 2300/027** (2013.01 - EP US)

Cited by
CN113908899A; US8865474B2

Designated contracting state (EPC)
CH DE FI FR GB LI

DOCDB simple family (publication)
EP 0998979 A2 20000510; EP 0998979 A3 20020410; EP 0998979 B1 20080611; DE 19850417 A1 20000511; DE 19850417 C2 20020808; DE 59914784 D1 20080724; JP 2000146663 A 20000526; JP 4981200 B2 20120718; US 6499365 B1 20021231

DOCDB simple family (application)
EP 99120596 A 19991016; DE 19850417 A 19981102; DE 59914784 T 19991016; JP 31062599 A 19991101; US 43145699 A 19991101