

Title (en)

Motor device for a liquid dispensing mechanism, particularly in a beverage dispenser.

Title (de)

Antriebsvorrichtung in einem Flüssigkeit spendenden Gerät, insbesondere in einem Getränkeautomaten.

Title (fr)

Mécanisme d'entraînement dans un appareil distributeur de liquide, en particulier dans un automate à boissons.

Publication

EP 0433719 B1 19940126 (DE)

Application

EP 90122737 A 19901128

Priority

DE 3940876 A 19891211

Abstract (en)

[origin: EP0433719A1] To drive a piston pump system, by means of which liquid, particularly beverage concentrates for the preparation of a beverage in a beverage dispenser, can be conveyed from a storage container forcibly to a delivery point, a pivoted lever (10), mounted in a fixedly pivotable manner in the mechanism housing and drivable by a motor, possesses, in close proximity to a reception cutout in the mechanism housing for the plug-in reception of the piston pump housing, a reception region for pluggable coupling to the drive member of the piston pump system. The pivoted lever (10) is driven by an eccentric drive (14) which is connected to a shaft (23) driven by a reversible electric motor (21). This shaft (23) also possesses two cams (28) and (29) which act on two switching contact devices (32) and (33). One acts on the control circuit for the motor (21) and the other acts on an electromagnet system for actuating the delivery valve for the carbonated water. <IMAGE>

IPC 1-7

B67D 1/00; **B67D 1/10**

IPC 8 full level

G01F 11/00 (2006.01); **B67D 1/00** (2006.01); **B67D 1/04** (2006.01); **B67D 1/10** (2006.01)

CPC (source: EP KR US)

B67D 1/04 (2013.01 - KR); **B67D 1/102** (2013.01 - EP US)

Cited by

EP2829649A4; US5633346A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0433719 A1 19910626; **EP 0433719 B1 19940126**; AT E100777 T1 19940215; AU 651953 B2 19940811; AU 6797190 A 19910613; CA 2032008 C 19950124; DE 3940876 A1 19910613; DE 59004418 D1 19940310; DK 0433719 T3 19940606; ES 2048944 T3 19940401; JP H046082 A 19920110; KR 910013012 A 19910808; US 5088625 A 19920218; ZA 909621 B 19910925

DOCDB simple family (application)

EP 90122737 A 19901128; AT 90122737 T 19901128; AU 6797190 A 19901211; CA 2032008 A 19901211; DE 3940876 A 19891211; DE 59004418 T 19901128; DK 90122737 T 19901128; ES 90122737 T 19901128; JP 33689390 A 19901130; KR 900020316 A 19901211; US 62505790 A 19901210; ZA 909621 A 19901130