

Title (en)

Circuit arrangement and assembly as a switch-lamp combination for a freezer apparatus

Title (de)

Schaltungsanordnung und Einbaueinheiten als Schalter-Leuchten-Kombination für Gefriergeräte

Title (fr)

Circuit et unité de montage comme combinaison commutateur-lampe pour appareils de congélation

Publication

**EP 0689018 B1 19970102 (DE)**

Application

**EP 94108304 A 19940530**

Priority

EP 94108304 A 19940530

Abstract (en)

[origin: EP0689018A1] The unit (10) has a green signal lamp (L1) for normal operation, a yellow signal lamp (L2) for continuous operation and a red signal lamp (L3) for indicating an abnormal condition. A piezoelectric buzzer (20) provides a warning signal tone when the temp rises above a given threshold value, the red signal lamp acting as the oscillation generator for the piezoelectric buzzer. The 3 signal lamps are combined with the rapid-freezing switch (12) and the piezoelectric buzzer in a plug-in module, the green and yellow signal lamps coupled to the refrigeration motor and the red signal lamp to a temp. sensor, when the module is fitted in the refrigeration device. <IMAGE>

IPC 1-7

**F25D 29/00**

IPC 8 full level

**B06B 1/02** (2006.01); **F25D 29/00** (2006.01)

CPC (source: EP)

**B06B 1/0207** (2013.01); **F25D 29/005** (2013.01); **F25D 2400/36** (2013.01)

Cited by

DE102011116147A1

Designated contracting state (EPC)

AT DE DK FR GB IT

DOCDB simple family (publication)

**EP 0689018 A1 19951227**; **EP 0689018 B1 19970102**; AT E147153 T1 19970115; DE 59401477 D1 19970213; DK 0689018 T3 19970602; HU 215873 B 19990329; HU 9501562 D0 19950728; HU T73862 A 19961028

DOCDB simple family (application)

**EP 94108304 A 19940530**; AT 94108304 T 19940530; DE 59401477 T 19940530; DK 94108304 T 19940530; HU 9501562 A 19950529