

Title (en)
APPARATUS FOR THE AUTOMATIC CONTROL OF A HINGED LID OF A RECEPTACLE

Title (de)
VORRICHTUNG ZUR AUTOMATISCHEN STEUERUNG EINES KLAPPDECKELS EINES BEHÄLTERS

Title (fr)
COMMANDE AUTOMATIQUE DE TRAPPE D'UNE S BILE DE DISTRIBUTEUR

Publication
EP 1368549 A1 20031210 (EN)

Application
EP 02704919 A 20020307

Priority
• GB 0201018 W 20020307
• GB 0105713 A 20010307

Abstract (en)
[origin: GB2360689A] A receptacle Q for pet food has a lid D which opens as an animal approaches to feed and closes again, after a short time delay, as the animal moves away. The lid D may be under the control of a motor M (Fig 2) which responds to interruption and re-establishment of an infra red beam between an emitter H and receiver I, or infra red reflected back by the animal from an emitter K to a receiver J. The lid may respond to capacity inductance induced by the proximity of an animal or to the weight on the animal on a pressure pad.

IPC 1-7
E05F 15/20; B65F 1/16; A01K 5/01; A01K 5/02

IPC 8 full level
A01K 5/01 (2006.01); **A01K 5/02** (2006.01)

CPC (source: EP)
A01K 5/0114 (2013.01); **A01K 5/025** (2013.01)

Citation (search report)
See references of WO 02070849A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
GB 0105713 D0 20010425; **GB 2360689 A 20011003**; **GB 2360689 B 20020227**; EP 1368549 A1 20031210; WO 02070849 A1 20020912

DOCDB simple family (application)
GB 0105713 A 20010307; EP 02704919 A 20020307; GB 0201018 W 20020307