

Title (en)
CLOSURE FOR CONTROL BOX DOORS AND THE LIKE

Publication
EP 0155543 B1 19910710 (DE)

Application
EP 85102027 A 19850223

Priority
DE 3407700 A 19840302

Abstract (en)
[origin: US4631937A] A lock assembly for cabinet doors comprising a mounting plate attachable to the door panel and provided with a depression in its front face to receive a handle. The handle is connected to an operating shaft for a lock adjusting member in a spring loaded manner to cause the handle to be ejected from the depression pivoting about an axis perpendicular to the axis of rotation of the adjusting member. The hand lever is retained in and released from the depression by means of the lock assembly. The lock is installed in the mounting plate separate from the depression with the handle therein, and penetrates the door panel through an opening. The lock controls a slide adjustably disposed in the mounting plate by means of a detent element engaged in the depression, the detent element retaining the handle in the depression when the lock is in the locking position and releasing the handle which is ejected from the depression when the lock is in the unlocked position. This invention provides a lock assembly which has a small structural height, can easily be sealed, and has a conveniently and comfortably grippable handle.

IPC 1-7
E05B 5/02; **E05B 13/00**; **E05C 9/04**

IPC 8 full level
E05B 5/02 (2006.01); **E05B 13/00** (2006.01); **E05C 9/04** (2006.01); **H02B 1/30** (2006.01); **E05B 1/00** (2006.01)

CPC (source: EP US)
E05B 13/002 (2013.01 - EP US); **E05B 1/0092** (2013.01 - EP US); **Y10S 292/31** (2013.01 - EP US); **Y10T 70/5757** (2015.04 - EP US); **Y10T 70/5761** (2015.04 - EP US); **Y10T 70/5774** (2015.04 - EP US); **Y10T 292/0843** (2015.04 - EP US); **Y10T 292/57** (2015.04 - EP US)

Cited by
FR2695674A1; EP0665349A1; EP0666392A1; DE9402761U1; EP1195484A3; DE19927685A1; FR2952104A1; DE10049638C2; EP0261266A1; EP1195483A3; EP1061208A2; WO9205328A1; WO9844223A1; EP1195483A2; US6619083B2; EP1195484A2; US6679088B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0155543 A2 19850925; **EP 0155543 A3 19860730**; **EP 0155543 B1 19910710**; AT E65109 T1 19910715; AU 3914385 A 19850905; AU 572965 B2 19880519; DE 3407700 A1 19850912; DE 3407700 C2 19861030; DE 3583404 D1 19910814; JP H0345965 B2 19910712; JP S60200706 A 19851011; US 4631937 A 19861230

DOCDB simple family (application)
EP 85102027 A 19850223; AT 85102027 T 19850223; AU 3914385 A 19850225; DE 3407700 A 19840302; DE 3583404 T 19850223; JP 2948285 A 19850219; US 70706585 A 19850301