

Title (en)

Flush lock for switchboards or the like.

Title (de)

Versenkbarer Verschluss für Schaltschranktüren o. dgl.

Title (fr)

Serrure encastrée pour boîtes de commutation ou similaires.

Publication

EP 0054225 A1 19820623 (DE)

Application

EP 81110099 A 19811203

Priority

DE 3046150 A 19801206

Abstract (en)

1. Recessable closure (10) for switch cabinet doors or the like with a closing part (12) that has a catch (32) for central latching and/or rods (28, 30) extending upwards or downwards from the closing part (12) for top or bottom latching of the door (16), the closing part (12) having an actuating shaft (14) passing through the door leaf (16) to the outside, to which is fastened a handle (38) in the form of a hand lever which is pivotably linked at one of its ends to the actuating shaft (14) round an axis perpendicular to the actuating shaft, and has at its other end a projection (44) pointing in the closed state in the direction of the door leaf (16), with a holder (52) for a lock such as a cylinder lock (54) or the like, and there being provided on the door leaf (16) a plate-type fitting (46) or plate which has a recess (45) accommodating the projection (44) to receive the projection (44) closably, which penetrates the plane of the door leaf towards the inside, characterised in that, - the recess (45) of the plate-type fitting (46) has an essentially circular external cross-section and a peripheral thread (48); - the plate-type fitting (46), is formed in one piece with the support casing (18) of the actuating shaft (14) and - the support casing (18) of the actuating shaft (14) has a part penetrating the plane of the door leaf towards the inside which has a circular outer cross-section provided if desired with restrictions, and an external thread (26) so that the plate-type fitting is fastenable at two points by means of screwed on fastening nuts (27, 50).

Abstract (de)

Es wird ein versenkbarer Verschluss für Schaltschranktüren o. dgl. beschrieben, an dessen aus dem Türblatt herausragenden Ende der Betätigungswelle ein Schwenkbetätigungshebel (38) angelenkt ist, an dessen freien Ende ein Ansatz (44) vorhanden ist, welcher in eine an der Türblattebene angeordnete Aufnahme (45) verschließbar einführbar ist. Diese Aufnahme wird von einem Aufsatz oder Platte (60) gebildet, die im Bereich der Betätigungswelle sowie im Bereich der Aufnahme die Türblattebene durchstößt, wobei die von der Platte einstückig ausgehenden durchstoßenden Vorsprünge kreisförmigen Außenumfang und Umfangsgewinde aufweisen, auf das Befestigungsmuttern (27, 50) aufschraubbar sind.

IPC 1-7

E05C 9/04; **E05B 13/10**

IPC 8 full level

E05B 13/10 (2006.01); **E05C 9/04** (2006.01); **E05B 1/00** (2006.01)

CPC (source: EP)

E05B 13/10 (2013.01); **E05C 9/04** (2013.01); **E05B 1/0092** (2013.01)

Citation (search report)

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- US 3745796 A 19730717 - FLEMING R
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