

## Title (en)

SECURITY DEVICE FOR A SWITCHING APPARATUS MADE BY THE ASSEMBLY OF SEVERAL REMOVABLE MODULAR ELEMENTS

## Publication

**EP 0366519 B1 19930428 (FR)**

## Application

**EP 89402830 A 19891013**

## Priority

FR 8814016 A 19881027

## Abstract (en)

[origin: JPH02170318A] PURPOSE: To surely and easily retain safety without giving a user a burden by making it impossible to install or dismantle a control module in the case a switch is not in a prescribed state. CONSTITUTION: This switch apparatus comprises a switch module 1 and a directly operation controlling module 23 fixed on a switch module by a screw which can slide freely in the axial direction. In the state that the control module 23 is combined with the switch module 1 while being set on the switch module 1, a screw is screwed into a tap hole formed in the switch module 1 and by completing the screwing the screw, the control module 23 is clamped in the switch module 1 by the function of the head part of the screw to the supporting face of the control module 23. Further, this safety apparatus comprises a means to inhibit access to the head part of the screw and in the case, the control module is not in the set position, the rotation of the screw is made impossible. Consequently, safety is easily retained without giving a user any burden.

## IPC 1-7

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## IPC 8 full level

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