

Title (en)

SAFETY SWITCHING DEVICE FOR INTERLOCKING A PROTECTION DEVICE

Title (de)

SICHERHEITSSCHALTEINRICHTUNG FÜR DIE VERRIEGELUNG EINER SCHUTZEINRICHTUNG

Title (fr)

DISPOSITIF DE COMMUTATION DE SECURITÉ POUR LE VERROUILLAGE D'UN DISPOSITIF DE PROTECTION

Publication

**EP 2047494 B1 20140402 (DE)**

Application

**EP 07786406 A 20070728**

Priority

- EP 2007006696 W 20070728
- DE 102006036514 A 20060804

Abstract (en)

[origin: DE102006036514B3] The safety switch device has a housing (105) and a locking slot (30). The locking slot is developed in the housing for inserting an actuating element for the switch gear. The actuating element consists of a lock (32) provided with a window, and the window is locked in actuating direction with a front cross web (34). The locking bolt (20) is moved longitudinally in relocatable manner by a feeder in locked position and moved back in release position perpendicular to the actuating position of the lock. A control disc (10) is actuated by the lock. The lock is rotary and perpendicular to the actuating direction of lock and perpendicular to the locking bolt motion. The control disc has an inner space, where locking bolt end (21) terminates. The control disc has a recess, which is formed at a periphery, with position is in reference to the locking slot, such that the front cross web of the lock is seized in the recess. The extraction of the lock is blocked and the locking disc end leaves the window by deactivating the feeder.

IPC 8 full level

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CPC (source: EP)

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