

Title (en)
Overcurrent circuit breaker.

Title (de)
Überstromschalter.

Title (fr)
Disjoncteur de surintensité.

Publication
EP 0408982 B1 19941109 (DE)

Application
EP 90112708 A 19900703

Priority
US 38095589 A 19890717

Abstract (en)
[origin: US4984123A] A push-push (make-break) switch (43) including a thermally operated circuit breaker release is adapted for controlling an electric motor (42). The switch (43) may be employed by itself or used in conjunction with a standard control switch (41) connected to auxiliary contacts (15 and 18) which are normally closed but opened when switch (43) is activated. When switch (43) is momentarily activated, it becomes latched to continue operation of the motor (42) until the motor stalls upon completion of a task. The increased current draw of the motor (42) is sensed by a bi-metallic element (27) whose free end moves to automatically release the switch (43) and disrupt its continuity path. The switch (43) is in a compact, self-contained, design which provides various different operational features. In automotive applications, switch (43) provides convenient express operation of motor operated accessories such as power windows and the like.

IPC 1-7
H01H 73/30

IPC 8 full level
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CPC (source: EP US)
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Designated contracting state (EPC)
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