

Title (en)

Electric switch for speed control of motors.

Title (de)

Elektrischer Schalter zur Drehzahlregulierung von Motoren.

Title (fr)

Commutateur électrique à réglage de vitesse des moteurs.

Publication

EP 0585541 A3 19941117 (DE)

Application

EP 93108632 A 19930528

Priority

DE 4225287 A 19920731

Abstract (en)

[origin: EP0585541A2] An electrical switch (1) is proposed for regulating the rotation speed of motors, especially of electric motors in electric hand tools. This switch (1) has an adjustable operating device (5), the rotation speed of the motor being set by means of an electronic circuit to a value which corresponds to the position of the operating device (5). The switch (1) is furthermore equipped with a device for presetting a greatest rotation speed, which is less than or equal to the maximum rotation speed, with a locking device which allows the operating device (5) to be fixed in the position corresponding to the preset greatest rotation speed, with a reversing switch (18) for clockwise and anticlockwise running of the motor, and with a device for limiting the rotation speed in anticlockwise running to a rotation speed which is less than the maximum rotation speed. According to the invention, a device for preventing locking in anticlockwise running is also arranged on the switch (1). <IMAGE>

IPC 1-7

H01H 9/06

IPC 8 full level

H01H 9/06 (2006.01)

CPC (source: EP)

H01H 9/06 (2013.01); **H01H 9/061** (2013.01); **H01H 9/063** (2013.01)

Citation (search report)

- [Y] EP 0444907 A2 19910904 - BLACK & DECKER INC [US]
- [Y] DE 2755960 A1 19790621 - LICENTIA GMBH
- [A] GB 2150354 A 19850626 - BLACK & DECKER INC & DE 3342412 A1 19850605 - BLACK & DECKER INC [US]
- [A] DE 2363439 A1 19740704 - BLACK & DECKER MFG CO

Cited by

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DOCDB simple family (application)

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