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(54) Switch.

(57) In a switch with a circuit-arrangement for controlling the speed and for adjusting the direction of rotation of an electric motor, in particular for electric power tools, the maximum distance of travel of the trigger element (3,8) in the setting for anti-clockwise rotation is limited by a reducing pin (11), on which the inner end (10) of an anti-clockwise stop (9), provided on the trigger element (3,8), comes to rest. The adjustable stop element (4,5) which itself determines the distance of travel is only effective in the anti-clockwise direction for speeds below the maximum speed.

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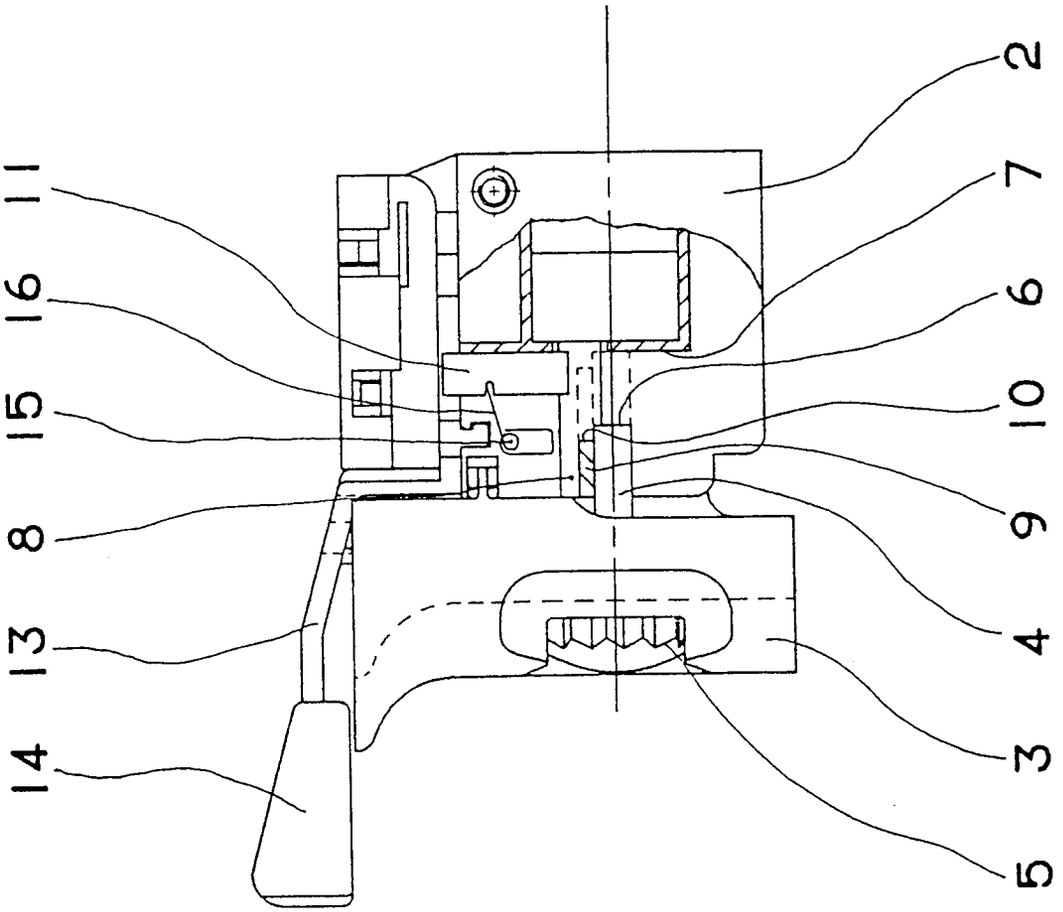


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number

EP 91 30 1607

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	US-A-3 755 640 (KAMAN et al.) * column 1, line 46 - column 2, line 4; column 5, line 7 - column 6, line 22; figures 1-3,5 *	1	H 01 H 9/06
A	US-A-3 742 364 (MATTHEWS) * column 2, line 45 - column 3, line 28; figures *	1	
A	US-A-4 097 705 (HARVELL) * column 3, line 36 - column 4, line 21; figure 2 *	1	

TECHNICAL FIELDS SEARCHED (Int. Cl.5)

H 01 H 9/00
H 01 H 13/00
H 01 H 21/00

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
BERLIN	21-10-1991	NIELSEN K G

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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A : technological background
O : non-written disclosure
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T : theory or principle underlying the invention
E : earlier patent document, but published on, or after the filing date
D : document cited in the application
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