

Title (en)

A SWITCH USED FOR AN UMBRELLA CAPABLE OF OPERATION BY ONE HAND

Title (de)

FÜR EINEN MIT EINER HAND BETÄTIGBAREN SCHIRM VERWENDBARER SCHALTER

Title (fr)

BOUTON UTILISE POUR UN PARAPLUIE ACTIONNE AVEC UNE SEULE MAIN

Publication

EP 1810590 A4 20101229 (EN)

Application

EP 05783984 A 20050908

Priority

- CN 2005001431 W 20050908
- CN 200420104953 U 20041020

Abstract (en)

[origin: EP1810590A1] A one-handed operating mechanism for opening and closing umbrella comprises a handle (1) connected to the bottom end of the stem of the umbrella, an elbow member (2) at its curve pivotally connected to said handle (1), a connecting member (3) with its upper end connected to a slide sliding along the stem to open or close the umbrella, said handle (1) is provided with a channel (4) extending from the upper end to the lower end of the handle to accommodate said elbow member (2) and said connecting member (3) to be moving therein, said channel (4) possesses a bottom side (13), said elbow member (2) possesses a handgrip section (5) exposed outside said channel (4) for palm squeezing, and an actuating section (6) located inside said channel (4) for mutual driving with said connecting member. The connecting member is driven by way of operating the elbow member, thereby driving the slide to slide along the stem to push the runner upward toward the crown to open the umbrella.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] JP S5160362 U 19760512
- [X] JP S59130521 U 19840901
- [X] JP S54146153 A 19791115 - HIRATA TOUNOSUKE, et al
- See references of WO 2006042451A1

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