

Title (en)

A safety switch mechanism for gardening tool

Title (de)

Sicherheitsschaltermechanismus für Gartenwerkzeug

Title (fr)

Mécanisme de commutation de sécurité pour outil de jardinage

Publication

**EP 2837278 A3 20150304 (EN)**

Application

**EP 14180262 A 20140807**

Priority

CN 201310342149 A 20130807

Abstract (en)

[origin: EP2837278A2] The present invention discloses a safety switch mechanism for a gardening tool, comprising a cover plate, a pin lock, and a pin component which is cooperated and connected with the pin lock; the safety switch mechanism also comprises a crank which is rotatably mounted in the cover plate, a first elastic element which is connected between the crank and the cover plate, a connecting rod which connects the crank and the pin component, and a second elastic element which is cooperated and connected with the pin component. Therefore, the safety switch mechanism for the gardening tool makes full use of the elastic element force and the swing angle of the connecting rod, so that the pin member is great in stability in positioning and can automatically reset; and because the safety switch mechanism for the gardening tool does not have the parts in relative abrasion, the good durability is realized.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] EP 2071936 A1 20090624 - BOSCH GMBH ROBERT [DE]
- [A] US 4632319 A 19861230 - SCHLUND GERALD [DE], et al
- [A] EP 0546496 A2 19930616 - LOPIC MICHAEL [DE]

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