

Title (en)

CONTROL DEVICE AND CONTROL METHOD FOR REMOTELY-CONTROLLED TOY AIRPLANE

Title (de)

STEUERVORRICHTUNG UND STEUERVERFAHREN FÜR FERNGESTEUERTES SPIELZEUGFLUGZEUG

Title (fr)

DISPOSITIF DE COMMANDE ET PROCÉDÉ DE COMMANDE POUR MODÈLE RÉDUIT D'AVION TÉLÉCOMMANDÉ

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EP 2842613 A1 20150304 (EN)

Application

EP 12875370 A 20120907

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Abstract (en)

The disclosure herein provides a control device for remote-controlled toy planes, including a power module, a main control module, and a flight control module, wherein a height detection module is also included, which is used to send a signal and receive the signal that are sent by itself and reflected back and a signal sent by a remote controller. The height control module is used to receive a height control signal after decoding and control a electric motor drive to adjust the flight height of the toy aircraft so as to realize automatic hovering of the toy aircraft and one-click take-off. It is easy and convenient to operate for toy aircraft lovers of different levels and is also widely applicable to model aircrafts or other unmanned aerial vehicles for aloftwork, which gives the control device a promising future.

IPC 8 full level

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