

Title (en)

Wing-operated flying toy.

Title (de)

Spielflugzeug, bewegt durch Schwingungen der Flügel.

Title (fr)

Jouet volant se mouvant par battements d'ailes.

Publication

**EP 0449922 B1 19950308 (FR)**

Application

**EP 90900894 A 19891219**

Priority

- FR 8900663 W 19891219
- FR 8817547 A 19881220

Abstract (en)

[origin: WO9006794A1] Process for automatically locking the wings of a wing-operated flying toy, characterized in that the locking device (32) of the operating mechanism is applied, under the effect of an elastic pressure, notch or a slot (25) of the circular disk (22) of the draw crank of said mechanism, so that when the driving elastic (20) attains its normal power under the effect of the torsional moment, the locking device is unable to engage or hold its position in the notch or slot, while when the power has almost attained its lowest value at the moment when said elastic is almost completely untwisted, said locking device is able to engage and maintain itself in said notch (25), by causing the wing operating mechanism to lock and preventing the movement of the wings.

IPC 1-7

**A63H 27/00**

IPC 8 full level

**A63H 27/28** (2006.01); **A63H 13/02** (2006.01); **A63H 27/00** (2006.01); **A63H 29/18** (2006.01); **A63H 29/24** (2006.01); **A63H 31/00** (2006.01); **A63H 31/08** (2006.01); **B64C 33/00** (2006.01); **F16H 35/00** (2006.01)

CPC (source: EP US)

**A63H 27/008** (2013.01 - EP US)

Cited by

FR3032126A1; FR2934789A1; WO2010015781A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 9006794 A1 19900628**; AT E119422 T1 19950315; AU 4822890 A 19900710; DE 68921642 D1 19950413; DE 68921642 T2 19951214; EP 0449922 A1 19911009; EP 0449922 B1 19950308; ES 2071813 T3 19950701; FR 2640518 A1 19900622; FR 2640518 B1 19910322; JP 2854127 B2 19990203; JP H04503615 A 19920702; US 5163861 A 19921117

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