

Title (en)

Propulsion and steering system for hovering models

Title (de)

Antriebs- und Lenksystem für Schwebemodelle

Title (fr)

Système de propulsion et de direction pour modèles en vol stationnaire

Publication

EP 1810735 A1 20070725 (EN)

Application

EP 07075064 A 20070122

Priority

US 76165006 P 20060124

Abstract (en)

The model (1) having hovering capability includes one or more air cushions (10,12) that are capable of tilting and rotating simultaneously. By tilting one or more air cushions (10,12), the frictional contact with the ground surface is increased and the air bearing effect of that cushion is lost. By rotating that same air cushion (10,12) while tilted, the model (1) with hovering capability is provided with propulsion and steering capability. The tilting and rotating of the air cushions (10,12) provides increase propulsion over rougher terrains, and enables the vehicle (1) to be amphibious by traversing both water and land.

IPC 8 full level

A63H 17/00 (2006.01); **A63H 27/00** (2006.01)

CPC (source: EP US)

A63H 17/00 (2013.01 - EP US); **A63H 17/36** (2013.01 - EP US); **A63H 27/00** (2013.01 - EP US); **A63H 29/00** (2013.01 - EP US); **A63H 33/003** (2013.01 - EP US)

Citation (search report)

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