

Title (en)

STEERING CONTROL AND TIMING DEVICE FOR AN AUTOMATIC POOL CLEANER

Title (de)

LENKSTEUERUNG UND ZEITSTEUERVORRICHTUNG FÜR EINEN AUTOMATISCHEN SCHWIMMBECKENREINIGER

Title (fr)

DISPOSITIF DE COMMANDE DE GUIDAGE ET DE MINUTERIE POUR NETTOYEUR DE BASSIN AUTOMATIQUE

Publication

EP 2150662 A4 20140820 (EN)

Application

EP 06760888 A 20060720

Priority

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Abstract (en)

[origin: WO2007009186A1] A steering control device (1) for an automatic pool cleaner, including a steering mechanism with drive means (12, 17, 21) for operatively steering the pool cleaner, and a control means for timing a change of steering direction of said device. The control means has an input (7) switchable between a first position controlling a first steering direction of said pool cleaner and a second position controlling a second steering direction of said pool cleaner. The steering mechanism includes an output means (20, 22a, 23a) to switch the input means (7) alternately from one of said first or second positions to the other of said corresponding second or first positions. One or more annular rings (22, 23) and/or the number and position of timing teeth (22a, 23a) may be provided to vary reversal timing. A delay mechanism (34, 35a, 35b) may also be included which can be adaptable to effectively disengage the steering mechanism for a period on reversal of the input means (7) to allow the pool cleaner a period of free running.

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP)

E04H 4/1654 (2013.01); **E04H 4/1672** (2013.01)

Citation (search report)

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- [XA] US 3928202 A 19751223 - RAUBENHEIMER JOHANN NICOLAAS
- [XA] US 2004211450 A1 20041028 - STOLTZ HERMAN [ZA]
- [XA] US 4722110 A 19880202 - CHANDLER MICHAEL J [NZ]
- See references of WO 2007009186A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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