

Title (en)

POOL CLEANER DRIVE MECHANISM AND ASSOCIATED SYSTEMS AND METHODS

Title (de)

SCHWIMMBECKENREINIGER-ANTRIEBSMECHANISMUS SOWIE ENTSPRECHENDE SYSTEME UND VERFAHREN

Title (fr)

MÉCANISME D'ENTRAÎNEMENT D'APPAREIL DE NETTOYAGE DE PISCINE ET SYSTÈMES ET PROCÉDÉS ASSOCIÉS

Publication

EP 2971409 A1 20160120 (EN)

Application

EP 14770600 A 20140314

Priority

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Abstract (en)

[origin: US2014262401A1] The present disclosure provides improved swimming pool cleaner drive mechanisms and associated methods. More particularly, the present disclosure provides an improved pool cleaner drive mechanism that includes a motor that powers the: (i) wheel(s) and (ii) drive member of the pool cleaner. A pool cleaner having a housing, a drive mechanism, one or more wheels, and a drive member is provided. The drive mechanism includes a gear drive and a motor associated with the housing. The motor powers the one or more wheels to move in a forward direction or a reverse direction and provides steering of the wheels. The motor also powers the drive member (e.g., a rotating drive member such as a propeller, impeller, fan, rotor, suction fan) into an ON and OFF position/state to propel the swimming pool cleaner. Embodiments are also directed to systems/methods of driving a swimming pool cleaner.

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