

Title (en)

Adjustable intake port for submersible pool and tank cleaner

Title (de)

Einstellbarer Einlass für einen eintauchfähigen Pool- und Tankreiniger

Title (fr)

Orifice d'admission réglable pour nettoyeur de bassin de piscine et submersible

Publication

EP 2581525 B1 20171206 (EN)

Application

EP 12188388 A 20121012

Priority

US 201161547462 P 20111014

Abstract (en)

[origin: EP2581525A2] A base plate (110) for a self-propelled robotic cleaning apparatus (100) for cleaning a submerged surface of a pool or tank. The base plate (110) includes a bottom surface (104) and a water inlet (112) formed therethrough, and an inlet extension member (114) configured to mount in the water inlet. The inlet extension member (114) is slidably retractable and extendable in a direction that is normal relative to the bottom surface of the base plate. A height adjustment mechanism (120) is coupled to the inlet extension member (114) and configured to move the inlet extension member upwardly and downwardly in the normal direction relative to the bottom surface of the base plate. The height adjustment mechanism can be adjusted manually. Alternatively, at least one sensor is operably coupled to a controller to automatically control the height adjustment mechanism.

IPC 8 full level

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CPC (source: EP)

E04H 4/1654 (2013.01)

Designated contracting state (EPC)

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