

Title (en)

Automatic cleaner soleplate

Title (de)

Sohlplatte für ein automatisches Reinigungsgerät

Title (fr)

Semelle pour un appareil automatique de nettoyage

Publication

EP 1752599 A1 20070214 (EN)

Application

EP 06016551 A 20060808

Priority

CN 200520014094 U 20050812

Abstract (en)

The invention shows a kind of automatic cleaner soleplate (1), which includes a plate (2) positioned and connected in the inner chamber of cleaning head (11). Inlets (4,6) with the same cross-sectional area are on two sides of the plate (2). The cross-sectional area of the inlets (4,6) is smaller than that of suction pipe (9) of cleaning head (11). There is a clearance between the plate (2) and sway plane of trip valve (12) which forms differential pressure during the direction changing of pumping. The differential pressure makes trip valve (12) be pushed from one area to the other and swing up and down to drive the cleaner to move. Therefore, whether the flux is big or small, wall and surface of swimming pool can be cleaned with excellent stability during startup.

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP)

E04H 4/1663 (2013.01)

Citation (search report)

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- [A] WO 0208548 A1 20020131 - ZODIAC POOL CARE EUROPE SAS [FR], et al

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