

Title (en)
WATER CIRCULATION UNIT WITH INCREASED THROUGHPUT FOR SWIMMING POOLS, AND FILTER UNIT COMPRISING THE SAME

Title (de)
WASSERZIRKULATIONSEINHEIT MIT ERHÖHTEM DURCHSATZ FÜR SCHWIMMBECKEN UND DIESE ENTHALTENDE FILTEREINHEIT

Title (fr)
ENSEMBLE DE CIRCULATION D'EAU A MULTIPLICATION DE DEBIT POUR PISCINE, ET GROUPE DE FILTRATION LE COMPORTANT

Publication
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Application
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Abstract (en)
[origin: WO2004109042A2] The invention relates to a water circulation unit comprising an ejector (142), a convergent, and a pipe (146) which is arranged in the extension of the convergent. According to the invention, the ejection axis practically merges with the symmetry axis of the convergent, said two axes forming a common axis of the unit, and the distance between the water outlet of the ejector (142) and the downstream section of the convergent is between 0.4 and 1.6 times the length of the convergent. A guiding region is located just upstream of the upstream section of the convergent following the common axis, at least up to the water outlet of the ejector (142) when said outlet is located outside the convergent, said region ensuring that the water is essentially symmetrically guided around the common axis during the operation of the ejector. In a filter unit, a cartridge (154) is arranged around the water circulation unit.

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