

Title (en)
COUNTERCURRENT SWIMMING POOL

Publication
EP 0405469 B1 19930107 (DE)

Application
EP 90112165 A 19900626

Priority
DE 3921015 A 19890627

Abstract (en)
[origin: EP0405469A1] A countercurrent swimming pool is specified which serves, for example, for swim training for high-performance sportsmen. The countercurrent swimming pool has a swimming channel (1) through which water is to flow, a return flow channel (2) and a pump device (3) which takes in water from the swimming channel (1) and resupplies it to the swimming channel (1) via the return channel (2). With the aim of achieving a flow through the swimming channel (1) that is as free as possible from turbulence, the outlet opening (4) of the pump device (3), which radiates essentially vertically upwards, opens into a tower (5) which is arranged thereabove and which is connected in terms of flow to the swimming channel (1) via an acceleration section (6). The increasing of the initial flow velocity of the circulating water is served by the acceleration section (6), which tapers in cross-section in the flow direction. <IMAGE>

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A63B 69/12

IPC 8 full level
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