Title (en)

METHOD FOR THE PRACTICE OF WATERSPORTS IN WHICH WATER IS DIRECTED UPWARDLY OVER AN INCLINED SURFACE AND WATERSPORT EQUIPMENT FOR CARRYING OUT SUCH A METHOD

Publication

EP 0096216 B1 19870114 (DE)

Application

EP 83104276 A 19830502

Priority

AT 219182 A 19820607

Abstract (en)

[origin: US4564190A] In appliances for practicing aquatic sports with water flowing upwardly over a sloping bottom surface a premature breakdown of the flow caused by the accumulation of portions of water slowed down by friction at the boundary faces is prevented by at least partially removing said portions of slowed down water. This can be done by sucking off at least the increasingly portions of slowed down water which are preferably refed to a return pipe of the appliance. A further possibility provides that portions of slowed down water are accelerated by supplying water at an increased flow rate. Suction of the portions of slowed down water as well as the supply of water at an increased flow rate is particularly effected through apertures in the bottom surface in the regions in which the portions of water are particularly slowed down, i.e. above all in the regions in the vicinity of an overflow at the upper end of the sloping bottom surface.

IPC 1-7

A63C 19/10

IPC 8 full level

A63C 19/10 (2006.01)

CPC (source: EP US)

A63C 19/10 (2013.01 - EP US); **A63G 31/007** (2013.01 - EP US)

Cited by

US5667445A; DE4041054A1; US5766082A; USRE34407E; EP0182923A1; US4905987A; US10376799B2; US6454659B1; US11040289B2; US11400384B2; WO9317762A1; WO9315801A1; US10195535B2; US11273383B2; US7666104B2; US6319137B1; US6716107B2; US10335694B2; US10918960B2

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0096216 A2 19831221; **EP 0096216 A3 19840718**; **EP 0096216 B1 19870114**; AT 379513 B 19860127; AT A219182 A 19850615; DE 3369073 D1 19870219; US 4564190 A 19860114

DOCDB simple family (application)

EP 83104276 A 19830502; AT 219182 A 19820607; DE 3369073 T 19830502; US 49720583 A 19830523