

Title (en)

WATER RIDE WITH WATER PROPULSION DEVICES

Title (de)

WASSERRUTSCHBAHN MIT WASSERTREIBSTRAHLVORRICHTUNGEN

Title (fr)

TOBOGGAN A PROPULSION AQUATIQUE

Publication

EP 0543929 B2 20000524 (EN)

Application

EP 91916366 A 19910815

Priority

- US 9105783 W 19910815
- US 56827890 A 19900815

Abstract (en)

[origin: WO9203201A1] A method and apparatus for controllably injecting, subsequent to the start of a water ride, a high velocity water flow (30) over the water ride surface (25). A rider (29) (or vehicle) that rides into such injected flow (30), as a result of water-to-rider momentum transfer, either be accelerated, matched, or decelerated in a downhill, horizontal or uphill straight or curvilinear direction by such injected flow (30). Flow emitting nozzles (24) can be either positioned above, along side, or from any position along the length of the water ride surface (25).

IPC 1-7

A63G 21/18; A63C 19/10

IPC 8 full level

A63C 19/10 (2006.01); **A63G 21/18** (2006.01); **E04H 4/00** (2006.01)

CPC (source: EP)

A63G 21/18 (2013.01); **E04H 4/0006** (2013.01)

Cited by

EP2500070A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

WO 9203201 A1 19920305; AT E143282 T1 19961015; AU 655437 B2 19941222; AU 8526891 A 19920317; CA 2089580 A1 19920216; CA 2089580 C 20030708; DE 69122400 D1 19961031; DE 69122400 T2 19970213; DE 69122400 T3 20001228; DK 0543929 T3 19970317; DK 0543929 T4 20001204; EP 0543929 A1 19930602; EP 0543929 A4 19930804; EP 0543929 B1 19960925; EP 0543929 B2 20000524; ES 2093712 T3 19970101; ES 2093712 T5 20001016; GR 3021330 T3 19970131; GR 3034027 T3 20001130; JP 2833863 B2 19981209; JP H06500484 A 19940120; SG 45213 A1 19980116

DOCDB simple family (application)

US 9105783 W 19910815; AT 91916366 T 19910815; AU 8526891 A 19910815; CA 2089580 A 19910815; DE 69122400 T 19910815; DK 91916366 T 19910815; EP 91916366 A 19910815; ES 91916366 T 19910815; GR 20000401718 T 20000726; GR 960402699 T 19961010; JP 51563991 A 19910815; SG 1996001331 A 19910815