

ABSTRACT

WATER RIDE WITH WATER PROPULSION DEVICES

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).

Fig. 1C