

Title (en)
GLIDING DEVICE FOR SURFBOARDS

Title (de)
GLEITVORRICHTUNG FÜR SURFBOARDS

Title (fr)
DISPOSITIF DE GLISSEMENT POUR PLANCHE DE SURF

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Application
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Abstract (en)
[origin: US7073977B2] The invention relates to a transport and gliding device for surfboards, comprising a guided stream of water influencing the action of the surfboard, and a plurality of flexible parallel tubes (1) which are inclined at an angle (2) and have a non-abrasive, pressure-insensitive cover. Water flows upstream through said tubes which are preferably arranged or fixed on a solid base with spacers. In the region of the board gliding thereover, the cross-section of the tubes is reduced to a maximum value of zero by the gliding and squashing edge (5) of the board. In this way, the upwardly flowing water column (3) in the tube moves the board (4) with the surfer upwards. Strong jets of water (8) are also sprayed upwards on the surface of the tube, hitting the lower side of the board when it tilts and thus also pushing the board with the surfer upwards. The inventive gliding device can either be used in a buoyant manner on a lake, on the land or in areas with pools.

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