

Title (en)

METHOD FOR REDUCING THE VISCOUS FRICTION BETWEEN A FLUID AND AN OBJECT

Title (de)

VERFAHREN ZUR VERRINGERUNG DER VISKOSEN REIBUNG ZWISCHEN EINEM FLUID UND EINEM OBJEKT

Title (fr)

PROCÉDÉ DESTINÉ À RÉDUIRE LE FROTTEMENT VISQUEUX ENTRE UN FLUIDE ET UN OBJET

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Application

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Abstract (en)

[origin: WO2009000703A1] It is disclosed a method for reducing the viscous friction due to the relative movement of a fluid and an object, wherein the object has an external surface in contact with a layer of the fluid and wherein the external surface has a base plane. The method comprises the following steps: forming on the external surface a plurality of projections projecting from the base plane; and imparting to the layer of fluid, by means of the plurality of projections, a profile with a periodic trajectory parallel to the base plane.

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