

Title (en)

PADDLE WHEEL FOR A FLUID DELIVERY DEVICE, AND DOMESTIC APPLIANCE HAVING A PADDLE WHEEL

Title (de)

SCHAUFELRAD FÜR EINE FLUIDFÖRDEREINRICHTUNG SOWIE HAUSHALTSGERÄT MIT EINEM SOLCHEN

Title (fr)

ROUE À AUBES CONÇUE POUR UN DISPOSITIF DE TRANSPORT DE FLUIDE ET APPAREIL ÉLECTROMÉNAGER EN ÉTANT ÉQUIPÉ

Publication

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Application

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Abstract (en)

[origin: WO2013026733A2] The invention relates to a paddle wheel 8 for a fluid delivery device 1 having a plurality of paddles 14, 15 which are distributed over the circumference 9 of the wheel and each have paddle walls 20, 21 which taper in the direction of the paddle tip 14b, 15b. At least one force-transmitting connecting web 24, 25, 26 is connected in an articulated manner to the mutually facing inner faces 20a, 21a of the paddle walls 20, 21 and the elasticity of the paddle walls 20, 21 is dimensioned in such a way that, when pressure is applied 32 to an outer face 20b of a paddle wall 20b, 21b during operation, the paddle tips 14b, 15b move in the direction of the side 33 on which pressure is applied 32, with elastic bending of the paddles 14, 15.

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