



ISTITUTO ITALIANO
DI TECNOLOGIA

TITLE

Fish robot

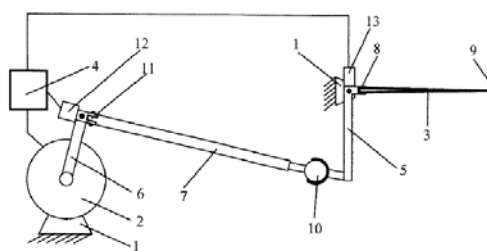
INVENTORS

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DESCRIPTION

The invention relates to the field of robot engineering, in particular to underwater and surface robots, and is concerned with mechanics and control processes.

The object of the invention is to simplify the design of the fish robot and to reduce energy expenditure by means of more efficient utilization of the drive and improvement of the characteristics of the operating member, and also to create a control algorithm making it possible to accomplish both rectilinear movement and also turns using only one motor. All this allows the period of autonomous operation of the robot to be increased.



APPLICATIONS

Robotic applications

KEYWORDS

Underwater robot, fish robot

BIBLIOGRAPHIC DATA

1) Pesce robot e metodo di controllo per detto robot

Application Number	TO2010A000210
Priority Date	March 19, 2010
Applicants	Fondazione Istituto Italiano di Tecnologia

2) Pesce robot e metodo di controllo per detto robot

Application Number	RU2011/110395
Priority Date	March 29, 2010
Applicants	Fondazione Istituto Italiano di Tecnologia

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