

Title (en)
ARTIFICIAL MUSCLE

Title (de)
KÜNSTLICHER MUSKEL

Title (fr)
MUSCLE ARTIFICIEL

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Application
EP 09775858 A 20090415

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Abstract (en)
[origin: WO2010025691A1] The invention relates to an artificial muscle made of a plurality of nano-motors (referred to hereafter as nano power cells), wherein the nano-motors are the smallest unit for the production of complex muscular structures for generating longitudinal motor forces. The artificial muscle according to the invention is made of nano-motors (1) (nano power cells), formed of symmetrical individual plates (4) formed as double triangular segments and arranged radially in a honeycomb pattern, said plates being displaceable in the center and comprising an expansion unit (5) in the interior thereof.

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Citation (search report)
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