



ISTITUTO ITALIANO
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TITLE

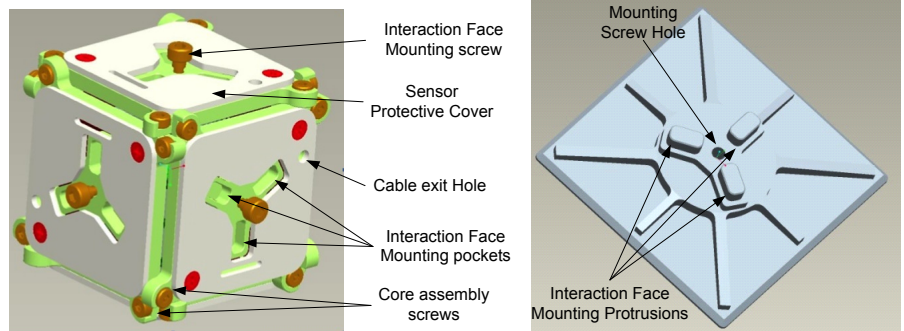
Electronic Measurement Unit For A Polymorphous Device For Force Measurement And Polymorphous Device Including The Same

INVENTORS

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DESCRIPTION

An electronic measurement unit for a polymorphous device, comprising a number of lateral structures, each lateral structure including: a support structure; at least one sensor constrained to the support structure and generating an electrical signal indicative of a deformation of the support structure; and a coupling structure that constrains a corresponding external covering element to the support structure in a releasable manner, so that when the external covering element is constrained to the support structure and an external force acts on the external covering element, the electrical signal is indicative of the external force.



APPLICATIONS

All the fields of application where there is a need for measuring the forces that are exerted when gripping an object

Polymorphous device, sensor, six-axes load cell

BIBLIOGRAPHIC DATA

Unità Elettronica Di Misura Per Un Dispositivo Polimorfico Per La Misura Di Forze, E Dispositivo Polimorfico Includente La Medesima

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