



ISTITUTO ITALIANO  
DI TECNOLOGIA

#### TITLE

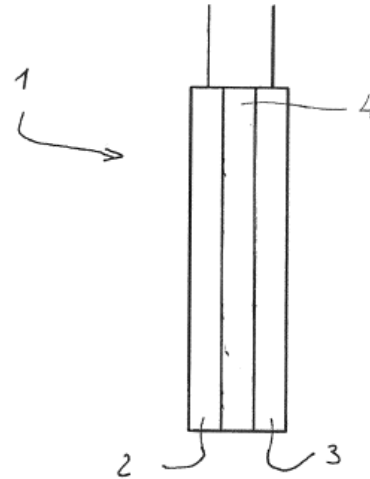
Material formed by carbon nanotubes and polymerized ionic liquid for the production of an actuator

#### INVENTORS

David Gendron, Alberto Ansaldo, Davide Ricci, Grzegorz Bubak, Giulio Sandini, Luca Ceseracciu

#### DESCRIPTION

The invention relates to a material formed by carbon nanotubes and polymerized ionic liquid and the method for producing such material. This material is used for the production of the active part of a soft actuator and it has improved conductivity and mechanical characteristics compared to the existing ones.



#### APPLICATIONS

Actuation

#### KEYWORDS

Ionic liquid polymer, carbon nanotubes, bucky gel, actuator

#### BIBLIOGRAPHIC DATA

Materiale a base di nanotubi di carbonio e liquido ionico polimerizzato per la produzione di un attuatore

Application Number IT TO2014A000980

Priority Date November 27, 2014

Applicants Fondazione Istituto Italiano di Tecnologia

#### CONTACTS

Technology Transfer Office

Matteo Faccenda

matteo.faccenda@iit.it

+39 010 71781 968