

Electroactive Materials

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ELECTROACTIVE POLYMERS - WIKIPEDIA

Sun, 07 May 2017 11:49:00 GMT

electroactive polymers, or eaps, are polymers that exhibit a change in size or shape when stimulated by an electric field. the most common applications of ...

INTERNATIONAL JOURNAL OF ELECTROACTIVE MATERIALS (IJEM)

Sun, 07 May 2017 14:55:00 GMT

the international journal of electroactive materials is a peer-reviewed online and open-access journal. the journal is published by the electroactive materials society.

PATENT US8212239 - ELECTROACTIVE MATERIALS - GOOGLE PATENTS

Sun, 07 May 2017 13:51:00 GMT

there is provided an electroactive material having formula i wherein: q is the same or different at each occurrence and can be o, s, se, te, nr, so, so₂, or sir₃; r ...

ELECTROACTIVE POLYMERS AND DEVICES 2013-2018: FORECASTS ...

Sat, 06 May 2017 23:46:00 GMT

electroactive polymers are one of the most promising technologies. compared to inorganic materials the versatile polymers have various attractive properties, such as ...

ELECTROACTIVE MATERIALS | JÜRGEN O. BESENHARD | SPRINGER

Fri, 28 Apr 2017 19:16:00 GMT

electroactive materials are playing an ever increasing role in science and technology. at present the wide range of applications for these materials

CHEMICAL PHYSICS OF ELECTROACTIVE MATERIALS FARADAY DISCUSSION

Tue, 11 Apr 2017 23:54:00 GMT

abstract submission for chemical physics of electroactive materials is now open submit your oral/paper abstract by 8 august 2016 submit your poster abstract by 6 ...

PATENT US8063399 - ELECTROACTIVE MATERIALS - GOOGLE PATENTS

Sun, 07 May 2017 22:55:00 GMT

a compound having formula i, formula ii, or formula iii: ar₁ may independently be phenylene, substituted phenylene, naphthylene, or substituted naphthylene. ar₂ is ...

PUBLICATIONS | ADVANCED ELECTROACTIVE MATERIALS

Mon, 27 Mar 2017 18:57:00 GMT

2016 i. valitova, p. kumar, x. meng, f. soavi, cntato, f. cicoira (2016). photolithographically patterned tio₂ films for electrolyte-gated transistors. 2015 f ...

ELECTROACTIVE SMART MATERIALS GROUP - HOME | FACEBOOK

Mon, 08 May 2017 03:27:00 GMT

electroactive smart materials group, braga (braga, portugal). 517 likes · 46 talking about this. official website: <http://esmsica.uminho/>

ELECTROACTIVE MATERIALS FOR ORGANIC ELECTRONICS ...

Mon, 08 May 2017 16:56:00 GMT

electroactive materials for organic electronics: preparation strategies, structural aspects and characterization techniques

ELECTROACTIVE MATERIALS - SPRINGER

Mon, 03 Apr 2017 09:59:00 GMT

electroactive materials. editors: prof. dr. jürgen o. besenhard, ... thin films and interfaces of electroactive organic materials: the surface science approach.

ELECTROACTIVE MATERIAL - NEXEON LIMITED

Fri, 12 May 2017 15:18:00 GMT

1. an electrode composition comprising an electroactive material comprising a plurality of electroactive elongate elements and a plurality of electroactive ...

ELECTROACTIVE POLYMERS - PLS037A - BCC RESEARCH

Sun, 23 Apr 2017 12:34:00 GMT

analyzes the market for electroactive polymers, and develops a reasonable scenario for applying these materials, most of which are still in the early stages of their ...

PATENT US20110095269 - ELECTROACTIVE MATERIALS - GOOGLE ...

Tue, 04 Apr 2017 14:16:00 GMT

a compound having formula i, formula ii, or formula iii: ar1 may independently be phenylene, substituted phenylene, naphthylene, or substituted naphthylene. ar2 is ...

PATENT US20100187506 - ELECTROACTIVE MATERIALS - GOOGLE ...

Sun, 30 Apr 2017 14:35:00 GMT

there is provided a compound having formula i or formula ii: in the formulae: ar1 is a single bond or an arylene; ar2 is an aryl group; ar3 is a single bond or an ...

PATENT US20110049478 - ELECTROACTIVE MATERIALS - GOOGLE ...

Mon, 10 Apr 2017 09:51:00 GMT

there is provided an electroactive material having formula i wherein: q is the same or different at each occurrence and can be o, s, se, te, nr, so, so2, or sir3; r ...

PATENT WO2012082743A1 - ELECTROACTIVE MATERIALS - GOOGLE ...

Sat, 18 Mar 2017 02:40:00 GMT

there is provided an electroactive compound having formula i in the formula: ar1, ar2, and ar3 are the same or different and are aryl groups; r1 is the same or ...

PATENT US8497495 - ELECTROACTIVE MATERIALS - GOOGLE PATENTS

Sat, 25 Feb 2017 14:54:00 GMT

wherein: ar 1 is the same or different at each occurrence and is selected from the group consisting of phenylene, substituted phenylene, naphthylene, and substituted ...

PATENT US20130248835 - ELECTROACTIVE MATERIALS - GOOGLE ...

Thu, 16 Mar 2017 13:19:00 GMT

there is provided an electroactive material having formula i wherein: q is the same or different at each occurrence and can be o, s, se, te, nr, so, so2, p, po, po2 ...

PATENT US20090159877 - ELECTROACTIVE MATERIALS - GOOGLE ...

Fri, 28 Apr 2017 13:54:00 GMT

there is provided an electroactive material having formula i wherein: q is the same or different at each occurrence and can be o, s, se, te, nr, so, so2, or sir3; r ...

ELECTROACTIVE POLYMER "ARTIFICIAL MUSCLE" | SRI INTERNATIONAL

Sat, 06 May 2017 19:14:00 GMT

sri international has patented a thin, flexible, smart material dubbed "artificial muscle" because it behaves much like a human muscle. artificial muscle ...

ARTIFICIAL MUSCLES AND ELECTROACTIVE POLYMERS AT JPL

Fri, 28 Apr 2017 16:10:00 GMT

electroactive polymer actuators* - jpl's ndeaa technologies website *artificial muscles. this homepage is the electroactive polymer actuators website of the jpl's ...

ELECTROACTIVE MATERIALS COMPOSED OF STARCH - RESEARCHGATE

Sat, 01 Apr 2017 06:12:00 GMT

in fig. 3. generally, when starch-based materials age, the starch may recrystallize and the material will experience a loss in desirable mechanical properties ...

PATENT US8308988 - ELECTROACTIVE MATERIALS - GOOGLE PATENTEN

Wed, 15 Mar 2017 20:09:00 GMT

there is provided an electroactive material having formula i wherein: q is the same or different at each occurrence and can be o, s, se, te, nr, so, so₂, p, po, po₂ ...

CONSIDERATIONS FOR CONTRACTILE ELECTROACTIVE MATERIALS AND ...

Wed, 05 Apr 2017 20:19:00 GMT

considerations for contractile electroactive materials and actuators lenore rasmussen,¹ lewis d. meixler,² and charles a. gentile³ 1ras labs, llc, intelligent ...

ELECTROACTIVE MATERIALS: TOWARD NOVEL ACTUATION CONCEPTS ...

Mon, 08 May 2017 20:59:00 GMT

after a brief recapitulation of diverse physical processes which can be used in electromechanical energy conversion, the present article proposes a survey of the ...

PATENT WO2009067419A1 - ELECTROACTIVE MATERIALS - GOOGLE ...

Tue, 25 Apr 2017 23:02:00 GMT

a compound having formula i, formula ii, or formula iii: ar₁ may independently be phenylene, substituted phenylene, naphthylene, or substituted naphthylene. ar₂ is ...

PATENT US20110095270 - ELECTROACTIVE MATERIALS - GOOGLE ...

Wed, 04 Jan 2017 01:58:00 GMT

there is provided an electroactive material having formula i wherein: q is the same or different at each occurrence and can be o, s, se, te, nr, so, so₂, or sir₃; r ...

POLYMERS WITH TRIPHENYLAMINE UNITS: PHOTONIC AND ...

Mon, 08 May 2017 05:14:00 GMT

organic hole-transporting materials are intensively investigated as thin-layer electro-optical ... another group of photonic and electroactive materials are poly ...