



New connection on: : 10-08-2018 : 00:40:39 - Last disconnection on: : 09-08-2018 : 20:43:31

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[PATENW: SS 8] ..fi epodoc

 Database: EPODOC

[EPODOC: SS 5] tourmaline and kaolinite and oxide

Results in EPODOC 11

[SS 6] 5 and pd<20140505

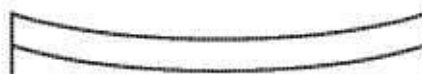
Results in EPODOC 5

[SS 7] ..li



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PN - [CA2883700](#) A1 20140403
PR - US201261705986P
20120926; US201313760546
20130206; WO2013US60636
20130919
AP - CA20132883700 20130919
DT - I
CCI - [C04B33/04](#) ; [C12H1/165](#) ;
[C08K3/346](#) ; [D06M11/45](#) ;
[D06M11/46](#) ; [D06M11/79](#) ;
[D06M16/00](#) ; [D06M23/08](#) ;
[D06M23/16](#)
CQI - [C04B35/44](#)
CCA - [C04B2235/3217](#) ;
[C04B2235/3244](#) ;
[C04B2235/3409](#) ;
[C04B2235/3418](#) ;
[C04B2235/3427](#) ; [D06M2101/34](#)



PA - MULTIPLE ENERGY TECHNOLOGIES
LLC [US]

TI - BIOCERAMIC COMPOSITIONS

AB - This invention relates to compositions and applications for a bioceramic composition that includes from about 45 to about 55 % by weight of **kaolinite** ($\text{Al}_2\text{Si}_2\text{O}_5(\text{OH})_4$); from about 5 to about 15% by weight of **tourmaline**; from about 3 to about 13% by weight of aluminum **oxide** (Al_2O_3); from about 11 to about 19% by weight of silicon dioxide (SiO_2); and from about 3 wt % to about 13 wt % zirconium **oxide** (ZrO_2).

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PN - [WO2014052159](#) A1 20140403

PR - US201313760546
20130206; US201261705986P
20120926

AP - WO2013US60636 20130919

DT - **

CT - |RU| ISR (A1)
[KR20050046213](#) A 20050518
[A] (BNS HOUSING CO LTD [KR]);
[US2011059037](#) A1 20110310
[A] (CANOVA THOMAS [BR], et al);
[US2002014716](#) A1 20020207
[A] (SEOK MI SOO [KR]);
[KR101067409B](#) B1 20110927
[A] (HANYOUNG ENG CO LTD [KR]);
[US2012135485](#) A1 20120531
[A] (KOROS WILLIAM J [US], et al)

CCI - [C04B33/04](#) ; [C12H1/165](#) ;
[C08K3/346](#) ; [D06M11/45](#) ;
[D06M11/46](#) ; [D06M11/79](#) ;
[D06M16/00](#) ; [D06M23/08](#) ;
[D06M23/16](#)

CQI - [C04B35/44](#)

CCA - [C04B2235/3217](#) ;
[C04B2235/3244](#) ;
[C04B2235/3409](#) ;
[C04B2235/3418](#) ;
[C04B2235/3427](#) ; [D06M2101/34](#)



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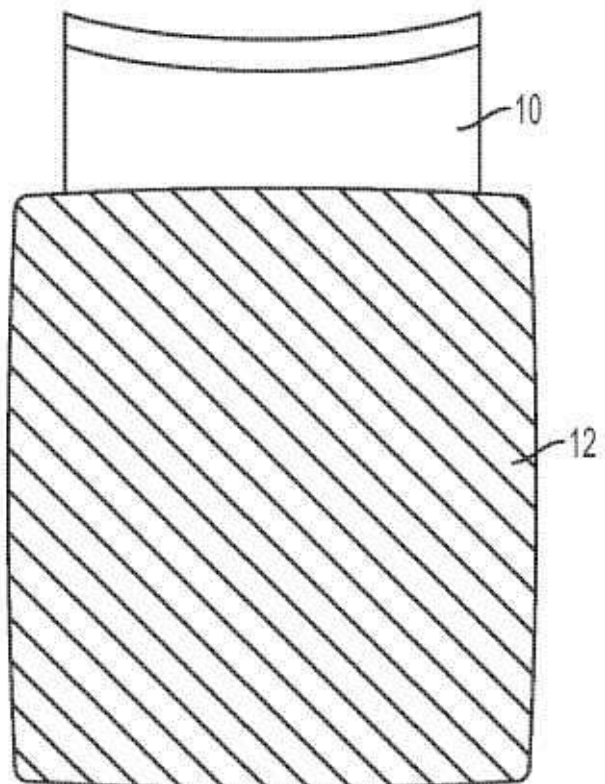
PN - [US2014087040](#) A1 20140327

PR - US201313760546
20130206; US201261705986P
20120926

AP - US201313760546 20130206

DT - *; Rep

CT - || R141 (A1)
[US2010186917](#) A1 20100729 [] (SIMONSON PATRIK [SE], et al);
[US2006137701](#) A1 20060629 [] (SNAIDR STANISLAV M [CA]);
[JP2000119987](#) A 20000425 [] (SEIMEI ENERGY KOGYO KK, et al);
[GB1378140](#) A 19741218 [] (METAL BOX CO LTD);
[GB1093041](#) A 19671129 [] (HUBER CORP J M);
[GB883264](#) A 19611129 [] (BAYER AG);
[KR20100009129](#) A 20100127 [] (KIM YON HWAN [KR]);
[JPH11335966](#) A 19991207 [] (TM TECHNO KK, et al);
[US4680822](#) A 19870721 [] (FUJINO YUKIO [JP], et al);
[US6207600](#) B1 20010327 [] (NAKAJIMA YUJI [JP], et al);



[CN1887784](#) A 20070103 [
] (UNIV HEBEI POLYTECHNIC [CN]);
[US6264907](#) B1 20010724 [
] (MATSUDA MASASHI [JP], et al);
[US2929414](#) A 19600322 [
] (LIENHARD GUSTAV O);
[US3969551](#) A 19760713 [
] (ELLSWORTH ROBERT E);
[US2012060344](#) A1 20120315 [
] (SMEETS RYAN T [US])
 CCI - [C04B33/04](#) ; [C12H1/165](#) ;
[C08K3/346](#) ; [D06M11/45](#) ;
[D06M11/46](#) ; [D06M11/79](#) ;
[D06M16/00](#) ; [D06M23/08](#) ;
[D06M23/16](#)
 CQI - [C04B35/44](#)
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[C04B2235/3244](#) ;
[C04B2235/3409](#) ;
[C04B2235/3418](#) ;
[C04B2235/3427](#) ; [D06M2101/34](#)
 PA - MULTIPLE ENERGY TECHNOLOGIES
 LLC [US]
 TI - BIOCERAMIC COMPOSITIONS
 AB - This invention relates to
 compositions and applications
 for a bioceramic composition
 that includes from about 45 to
 about 55% by weight of **kaolinite**
 (Al₂Si₂O₅(OH)₄); from about 5 to
 about 15% by weight
 of **tourmaline**; from about 3 to
 about 13% by weight of
 aluminum **oxide** (Al₂O₃); from
 about 11 to about 19% by weight
 of silicon dioxide (SiO₂); and
 from about 3 wt % to about 13 wt
 % zirconium **oxide** (ZrO₂).

4/5 © EPODOC / EPO

PN - [TW200516546](#) A 20050516
 PNFP - TWI233592B B 20050601
 PR - TW20030131403 20031110
 AP - TW20030131403 20031110
 DT - I
 PA - (A B)



CHEN CHIEN-LUNG [TW]

- TI - (A B)
Spectrum-exciting device
- AB - (A B)
A spectrum-exciting device with functions of filtering, subdividing, and amplifying has a first aluminum **oxide** unit, an iron **oxide** unit, a second aluminum **oxide** unit, and an amplifying unit. The first aluminum **oxide** unit first filters out the noises of a sound signal. The iron **oxide** unit subdivides the frequencies of the sound signal to increase the alto voice and the high-pitched voice, and to compress the low-pitched voice concurrently. Wherein, the materials of the iron **oxide** unit have iron **oxide**, manganese **oxide**, chromium **oxide**, and cobalt **oxide**, and the iron **oxide** cannot be magnetized. The second aluminum **oxide** unit second filters out the noises of the sound signal. The amplifying unit amplifies the sound signal, and wherein the materials of the amplifying unit have kyanite, actinolite, wollastonite, **tourmaline**, silica, **kaolinite**, and petalite. The above-mentioned units are further processed by a plurality of conventional electroplating processes including a copper-plating process, a nickel-plating or a tin-plating process, and the combination processes of a gold-plating, a silver-plating, and/or a platinum-plating.

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PN - [JP2006016368](#) A 20060119

PR - JP20040198490 20040705

AP - JP20040198490 20040705

DT	- I
FI	- A61K7/00&J; A61K7/00&L; A61K7/00&U; A61K7/48; A61K8/00; A61K8/02; A61K8/23; A61K8/25; A61K8/72; A61K8/89; A61K8/891; A61Q19/00
FT	- 4C083/AA161; 4C083/AB012; 4C083/AB111; 4C083/AB131; 4C083/AB132; 4C083/AB192; 4C083/AB231; 4C083/AB232; 4C083/AB431; 4C083/AB432; 4C083/AB441; 4C083/AB442; 4C083/AD151; 4C083/AD152; 4C083/DD12; 4C083/DD41; 4C083/EE07; 4C083/EE12; 4C083/FF06
PA	- SERAAMI KK
TI	- PRESSURE-SENSITIVE ADHESIVE SILICONE SHEET AND PACK FOR HEALTHY, BEAUTIFUL SKIN USING THE SAME
AB	- PROBLEM TO BE SOLVED: To provide a pressure-sensitive adhesive silicone sheet which shows a high adhesion to a part to which it is applied and exerts a sufficient far-infrared radiation effect and negative ion effect. - SOLUTION: Silicone gel KE1300T is cured to obtain a non-adhesive silicone sheet. Then, silicone gel KE1052A and silicone gel KE1052B (both manufactured by Shin-Etsu Chemical Co., Ltd.), which compose a two-part room temperature-curing rubber, are mixed to obtain a silicone rubber substrate. Meanwhile, fango, ferric oxide, a ceramic powder and kaolinite, which have been previously prepared, are mixed, and a carbon component and a fine powder of tourmaline etc. are further added. The obtained mixture is stirred into and uniformly dispersed in the silicone rubber substrate under aeration, and silicone KE1300T is further added to obtain a gel form silicone. The gel form silicone is injected and laminated on the non-adhesive silicone sheet and heated to obtain the adhesive silicone sheet 1 comprising two layers, i.e. a hardly adhesive coating film 2 and an adhesive gel form coating film 3. - COPYRIGHT: (C)2006,JPO&NCIPI