

Fulvic acid

Abstract

<P>PROBLEM TO BE SOLVED: To prepare a cosmetic added with a suitable amount of fulvic acid which is a natural material having anti-inflammatory analgesic action. <P>SOLUTION: The cosmetic is a product for exhibiting the anti-inflammatory analgesic action by applying beforehand with rubbing the creamy cosmetic added with fulvic acid as the natural material having functionality, to an injured spot or an easily injuring spot of a human body. <P>COPYRIGHT: (C)2006,JPO&NCIPI

JP2006089450A

Japan

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Other languages: [Japanese](#)

Inventor: [Kaneyoshi Kubota](#), 金嘉 窪田

Current Assignee : CRESCENDO CORP

Worldwide applications

2004 [JP](#)

Application JP2004306189A events

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Info: [Cited by \(2\)](#), [Similar documents](#), [Priority and Related Applications](#)

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Claims (1)

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translated from Japanese

Cosmetics containing fulvic acid by humus soil extract

Description

translated from Japanese

Detailed Description of the Invention

The present invention is a cosmetic product containing an appropriate amount of a natural material fulvic acid having anti-inflammatory analgesic action.

Currently, cosmetic products that have been commercialized are mainly made for the purpose of improving the skin and hair, and most of the products pursue beauty. At the cosmetic level, there are no products on the market to improve and prevent physical breakdown. Currently, the products sold as anti-inflammatory analgesics are pharmaceuticals, and natural fulvic acid cosmetics that take anti-inflammatory analgesic effects into consideration are not on sale.

Problems to be solved by the invention

Currently, the anti-inflammatory analgesics that are on the market are sold at the pharmaceutical level and are only developed for pain relief. I don't think it was commercialized based on the idea of using anti-inflammatory analgesics. First, to smell, but the odor emitted from the applied site is an intense smell that clearly shows that an anti-inflammatory analgesic was applied to the surrounding area. Aside from the elderly, it is not suitable for young women and men. I don't think young women get on a crowded train with the unique smell of medicines. Recent men are also sensitive to odors. Also, I think you are thinking about the effects on the skin. The problem to be solved by the present invention is that it has a good effect on the skin at the cosmetic level containing fulvic acid, a natural material derived from humus soil extract, and it is non-brominated to be easy to use for all people, and further anti-inflammatory analgesic effect is expected I thought about commercialization so that I could do it.

Means to solve the problem

As a cosmetic product with anti-inflammatory analgesic effect, natural fulvic acid is blended, and it can be used as a cosmetic product. It has a slight odor of cosmetic level, but it is almost odorless.

Fulvic acid is a special sedimentary soil component formed on the seabed in the ages of tens of millions of years. Among the components of humic soil, it is the most abundantly organized and performs the most important functions. It contains a large amount of carboxyl groups, is water-soluble and rich in functional groups, and exhibits high physiological activity.

In addition, since it has a small molecular weight (300 to 800), it has excellent absorption effect, and has a reducing action and an antibacterial action.

Nippon Fumin Chemical Co., Ltd. succeeded in extracting fulvic acid that does not heat-treat, UV-irradiate, and contain no additives.

We commercialize creamy cosmetics containing fulvic acid extract and rub them into the broken parts to improve the broken parts. Athletes can protect fragile or prone parts by rubbing fulvic acid-containing cosmetics before exercise and rubbing fulvic acid-containing cosmetics after exercise. Until now, anti-inflammatory analgesics have been commercialized for the purpose of applying to failure sites, but fulvic acid-containing cosmetics are innovative products that can prevent failure by applying from the stage of concern. It's cosmetic level, odorless and odorless, and you can easily apply it by not knowing the people around you. Depending on the occupation, there are places where you should be concerned about odors and environments where odors should not be added. I think the problem of odor is a big issue in today's world. For example, there are many restaurants, beauty salons, luxury clubs, and food departments.

Cosmetics that exhibit anti-inflammatory and analgesic effects at such a cosmetic level have a wide range of uses and can be expected to have various effects.

The fulvic acid from humus soil extract is used in the processing process from raw material to commercialization while keeping the material as natural and natural as possible and maintaining its freshness. Therefore, it is necessary to consider product forms with few factors of quality degradation such as oxidation. In addition, factors such as daily consumption, absorption in the body, ease of application, ease of handling, cost, and related laws and regulations must also be considered. The product with anti-inflammatory analgesic effect by blending natural materials with fulvic acid is formulated with per se known raw materials or cosmetic ingredients, excipients and pharmaceutical carriers by a per se known method to make cosmetics with pharmacological effects of fulvic acid. can do. The ingredients and cosmetic ingredients used are not particularly limited, and can be appropriately selected by those skilled in the art according to the specific use of the intended pharmacological effect. Also, the form is not particularly limited, and it can be made into various shapes depending on the specific application.

Nippon Fumin Chemical Co., Ltd., which developed the raw material, demonstrated the effectiveness of the fulvic acid combination cosmetics with anti-inflammatory and analgesic effects of the present invention by monitoring 700 people. In addition, clinical results from the Chinese Navy General Hospital include ulcers, epidemic hemorrhagic fever, immune function, cancer, ulcerative colitis, oral inflammation, parotitis, rheumatism, etc. Among the monitors conducted by Nippon Humin Chemical Co., Ltd., a woman in her 70s had been using salon pass, morus tape, smilistic (anti-inflammatory agent), etc. for shoulder pain after a fracture since last September. . Although I woke up with pain in the middle of the night, I applied a fulvic acid-containing cosmetic and went to sleep, and I could sleep well until morning. The pain stopped.

A woman in her 50s, the thumb of her hand sometimes swelled from around November last year, and her pain was so severe that she was unable to do hard work. I continued to apply cosmetics containing fulvic acid while massaged after taking a bath, and the next day I was able to work without pain. The product is non-sticky and easy to use, and I am happy that my mother and grandmother are effective.

A woman in her 50s felt pain in her entire body, was diagnosed by a doctor with neuralgia due to stress, and could not stand up from the futon. The pain didn't go away after taking the medicine I got from my doctor. After applying fulvic acid cosmetics, the pain disappeared in 30 minutes. However, the next day, I was again in pain and could not even get up. The pain disappeared after 30 minutes.

A man in his 60s suffered from vertebral hernia, numbness in his neck, shoulders and arms and severe pain in his neck. When applied 3 times a day, it became very easy. Especially when applied after bathing, the pain is reduced and the next morning is comfortable.

The invention's effect

The effect of the present invention is a natural material-containing fulvic acid cosmetic product with anti-inflammatory analgesic effect. Why does this fulvic acid have anti-inflammatory and analgesic effects? It is found in amino acids, minerals, vitamins, enzymes, etc. that contain fulvic acid components. In the inflamed area, leukocytes are activated to suppress inflammation, especially the sympathetic nerves are stimulated, and granulocytes play a leading role and try to suppress inflammation. Granulocytes fight against enemies and generate active oxygen when they die. If active oxygen increases in the inflamed area, the inflammation will not go away. As a result, the blood flow in the inflamed area becomes worse and oxygen and nutrients cannot reach. When rubbing cosmetics containing fulvic acid into the inflamed area, fulvic acid has a low molecular weight, so it quickly enters deep into the inflamed area. Since humans are originally animals from the sea, the components of the sea contain all the necessary components of humans. By rubbing the necessary ingredients, it quickly reaches the deep part of the inflamed area and absorbs the fulvic acid component. Inflamed sites that have absorbed the fulvic acid component pass nutrients and oxygen, change to parasympathetic control, and increase lymphocytes. Changing to lymphocyte control improves blood flow in the inflamed area and reduces inflammation. Absorbing the fulvic acid component increases the body's natural healing power and exerts anti-inflammatory analgesic effects.

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Family To Family Citations				

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Priority And Related Applications

Priority Applications (1) ▲











Application	Priority date	Filing date	Title
JP2004306189A	2004-09-22	2004-09-22	Fulvic acid

Applications Claiming Priority (1) ▲

Application	Filing date	Title
JP2004306189A	2004-09-22	Fulvic acid

Concepts ▲

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Name	Image	Sections	Count	Query match
 3,7,8-trihydroxy-3-methyl-10-oxo-1,4-dihydropyrano[4,3-b]chromene-9-carboxylic acid		title,claims,abstract,description	29	0.000
 fulvic acid		title,claims,abstract,description	29	0.000
 fulvic acid		title,claims,abstract,description	29	0.000
 cosmetic		claims,abstract,description	26	0.000
 soil		claims,description	5	0.000
 humus		claims,description	3	0.000
 anti-inflammatory		abstract,description	13	0.000
 analgesic		abstract,description	10	0.000
 material		abstract,description	7	0.000
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