

**(19) World Intellectual Property Organisation**

(12)	International Application published under the Patent Cooperation Treaty (PCT)	
(21)	International Application Number:	PCT/US2002/035439
(10)	International Publication Number:	WO 03/039466
(22)	International Filing Date:	05.11.2002
(43)	International Publication Date:	15.05.2003
(51)	Int. Cl.:	A61Q19/08
(71)	Applicant (for all designated states except US):	O'Thello Corp.
(72)	Inventors; and	
(75)	Inventors/Applicants (for US only):	Juseppe Werdy
(81)	Designated States (national):	US, CA, CN, DE, GB, IL

**(54) Cosmetic patch**

**[0001]** The present invention relates to a cosmetic patch for skin treatment. In particular, the patches proposed by the present invention are suitable for reducing the appearance of facial wrinkles by applying the patch to the skin.

**[0002]** Wrinkles occur on the face as a result of several factors, including the gradual loss of skin elasticity, or the loss of fat tissue in certain areas of the face as one ages. Cosmetic makeup or anti-ageing creams are often used to reduce the appearance or presence of facial wrinkles. Although wrinkles can be reduced at an early stage of skin ageing, the contact time or amount of anti-wrinkle compound is frequently not sufficient to reduce deeper facial wrinkles.

**[0003]** An increased amount of active ingredient delivered to the skin usually enhances the intended effect. The present invention therefore proposes a cosmetic patch for treating wrinkles instead of commonly used creams to increase the contact time, thereby increasing the amount of active ingredient delivered.

**[0004]** The patch of the present invention is composed of three layers wherein the anti-wrinkle compound is stored in a polymeric matrix layer constituting a depot layer. The depot layer is attached to a textile carrier by the use of an adhesive layer. Several means can be used in order to attach the patch to the skin. A further adhesive layer or sticky side flaps can be used, or the material of the depot layer can be self-adhesive. The anti-wrinkle compound migrates to the surface of the depot layer over time and is gradually absorbed by the skin. The amount of anti-wrinkle compound delivered may be increased by wearing the patch overnight.

**[0005]** In a preferred embodiment, the textile carrier is a cotton layer.

**[0006]** Claim:

1. A cosmetic patch comprising a depot layer, an adhesive layer and a textile carrier.

textile layer generic term

fabric layer is missing