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**(54) Title (EN):** ENZYME-TREATED BORAGE OIL CONTAINING HIGH CONCENTRATION OF FREE GAMMA-LINOLENIC ACID HAVING HIGH HAIR LOSS IMPROVEMENT EFFECT, PREPARATION METHOD THEREOF, AND COSMETIC COMPOSITION CONTAINING SAME

**(54) Title (FR):** HUILE DE BOURRACHE TRAITÉE PAR ENZYME CONTENANT UNE CONCENTRATION ÉLEVÉE D'ACIDE GAMMA-LINOLÉNIQUE LIBRE AYANT UN EFFET D'AMÉLIORATION SUR LA PERTE DE CHEVEUX ÉLEVÉ, SON PROCÉDÉ DE PRÉPARATION ET COMPOSITION COSMÉTIQUE LA CONTENANT

**(54) Title (KO):** 높은 탈모개선효과를 지닌 고농도 유리 감마-리놀렌산을 포함하는 효소처리 보라지 오일, 이의 제조방법 및 이를 포함하는 화장료 조성물

**(57) Abstract:**

**(EN):** The present invention relates to: enzyme-treated borage oil in which borage oil containing a high amount of gamma-linolenic acid is enzyme-treated so that 5#-reductase is inhibited and an excellent hair loss improvement effect, that is, a hair loss and hair follicle cell recovery effect is achieved; a preparation method thereof and a cosmetic composition containing same, wherein the borage oil is enzyme-treated with a lipase enzyme so as to contain free gamma-linolenic acid.

**(FR):** La présente invention concerne : une huile de bourrache traitée par enzyme dans laquelle de l'huile de bourrache contenant une quantité élevée d'acide gamma-linolénique est traitée par enzyme de telle sorte que la 5#-réductase est empêchée et un excellent effet d'amélioration sur la perte de cheveux, c'est-à-dire, une perte de cheveux et un effet de récupération de cellules de follicules pileux est obtenu ; un procédé de préparation de celle-ci et une composition cosmétique la contenant, l'huile de bourrache étant traitée par enzyme avec une enzyme lipase de façon à contenir de l'acide gamma-linolénique libre.

**(KO):** 본 발명은 감마-리놀렌산 함량이 높은 보라지 오일을 효소처리하여 5알파-환원효소를 억제하여 높은 탈모개선효과 즉, 탈모 및 모낭세포 회복 효과가 우수한 고농도 유리 감마-리놀렌산을 포함하는 효소처리 보라지 오일, 이의 제조방법 및 이를 포함하는 화장료 조성물에 관한 것으로서, 보라지 오일을 리파아제 효소로 효소처리시켜 유리 감마-리놀렌산을 포함함을 특징으로 한다.

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