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# United States Patent [19]

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**Patrick**

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[54] **COMPOSITIONS FOR THE TRANSDERMAL DELIVERY OF NUTRIENTS**

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[57] **ABSTRACT**

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[52] **U.S. Cl.** ..... **514/310**; 514/159; 514/256;  
424/70.1; 424/61; 424/400; 424/59; 424/450;  
424/489

[58] **Field of Search** ..... 424/59, 61, 78,  
424/480, 489, 70, 400; 514/159, 254, 310

A composition having therapeutic and cosmetic effects is comprised of an effective concentration of methyl nicotinate in a diluent. When such a composition is topically applied the methyl nicotinate acts to increase circulation in the area of application and also acts as a pain reliever and a muscle relaxant. The composition may also contain various vitamins, minerals and other nutrients. The methyl nicotinate also acts as a facilitator to promote the transdermal penetration of the vitamins, minerals and other nutrients into the skin.

[56] **References Cited**

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**17 Claims, No Drawings**