

Title (en)  
**APPETITE SUPPRESSION**

Title (de)  
**APPETITZUEGELUNG**

Title (fr)  
**COUPE-FAIM**

Publication  
**EP 0912181 A1 19990506 (EN)**

Application  
**EP 97933498 A 19970716**

Priority  
• US 9712408 W 19970716  
• US 68353596 A 19960717

Abstract (en)  
[origin: WO9802165A1] A method and composition for reducing appetite and carbohydrate craving using precursors for the neurotransmitters serotonin, dopamine, norepinephrine and histamine, which include the precursors tryptophan, phenylalanine, tyrosine and histidine. The precursors are combined together and with xanthines for synergistic effect permitting advantageously lower doses of the precursors. Concomitant administration of histidine with any of tryptophan, phenylalanine and tyrosine produces a potentiated effect in appetite suppression. Xanthines, including theobromine, caffeine and cocoa, act as potentiators of the precursors, individually and in combinations of precursors. Separate formulations with xanthines of tyrosine and/or phenylalanine are used conjointly with a formulation of tryptophan with xanthines, each administered separately at intervals of at least 20 minutes. Hydrolyzed protein is utilized as a natural tryptophan source for the combinations, together with an insulin producing carbohydrate to remove from the blood stream other amino acids competing for transport across the blood-brain barrier. Alternatively, unhydrolyzed protein may be administered along with a proteolytic enzyme to produce tryptophan in the gastrointestinal tract.

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IPC 8 full level  
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CPC (source: EP KR)  
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