

Title (en)

BRANCHED-CHAIN AMINO ACID COMPOSITION FOR IMPROVING SKELETAL MUSCLE PROTEIN METABOLISM

Title (de)

AMINOSÄURE-ZUSAMMENSETZUNG MIT VERZWEIGTEN KETTEN ZUR VERBESSERUNG DES SKELETTMUSKEL-  
PROTEINSTOFFWECHSELS

Title (fr)

COMPOSITION D'ACIDES AMINÉS À CHAÎNE RAMIFIÉE DESTINÉE À L'AMÉLIORATION DU MÉTABOLISME DES PROTÉINES DU MUSCLE  
SQUELETTIQUE

Publication

**EP 2152280 A1 20100217 (EN)**

Application

**EP 07719718 A 20070508**

Priority

CA 2007000793 W 20070508

Abstract (en)

[origin: WO2008134844A1] The present invention relates to compositions and methods for improving skeletal muscle protein metabolism through encouraging skeletal muscle protein synthesis, reducing skeletal muscle protein degradation, and attenuating inflammatory signalling in exercising muscle. The compositions of the present invention comprise branched-chain amino acids, a plant extract that attenuates NF- $\kappa$ B activity and  $\alpha$ -butyrobetaine, and optionally, ethyl pyruvate or diferuloylmethane.

IPC 8 full level

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Citation (search report)

See references of WO 2008134844A1

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