

Title (en)

COMPOSITION AND METHOD FOR INCREASING THE ANABOLIC STATE OF MUSCLE CELLS

Title (de)

ZUSAMMENSETZUNG UND VERFAHREN ZUR ERHÖHUNG DES ANABOLISCHEN ZUSTANDS VON MUSKELZELLEN

Title (fr)

COMPOSITION ET PROCÉDÉ POUR AUGMENTER L'ÉTAT ANABOLIQUE DE CELLULES MUSCULAIRES

Publication

EP 2192898 A1 20100609 (EN)

Application

EP 07800615 A 20070911

Priority

CA 2007001615 W 20070911

Abstract (en)

[origin: WO2009033250A1] A nutritional supplement comprising a therapeutically effective amount of ethyl pyruvate and a therapeutically effective amount of at least one α -hydroxy branched-chain amino acid metabolite is provided by the present invention. The ingredients of the present nutritional supplement substantially simultaneously maintaining blood and muscle physiological pH levels as well as increasing cellular concentrations of branched-chain amino acids.

IPC 8 full level

A61K 31/22 (2006.01); **A61K 9/14** (2006.01); **A61K 31/19** (2006.01); **A61P 21/06** (2006.01)

CPC (source: EP)

A23L 33/10 (2016.07); **A61K 9/48** (2013.01); **A61K 31/19** (2013.01); **A61K 31/22** (2013.01); **A61P 21/06** (2017.12)

Citation (search report)

See references of WO 2009033250A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2009033250 A1 20090319; AU 2007358961 A1 20090319; EP 2192898 A1 20100609

DOCDB simple family (application)

CA 2007001615 W 20070911; AU 2007358961 A 20070911; EP 07800615 A 20070911