

Title (en)

COMPOSITIONS OF TOCOPHEROL AND BETA-CAROTENE

Title (de)

ZUSAMMENSETZUNGEN AUS TOCOPHEROL UND BETA-KAROTIN

Title (fr)

COMPOSITIONS DE TOCOPHEROL ET DE BETA-CAROTENE

Publication

**EP 0793490 A4 19991215 (EN)**

Application

**EP 95944647 A 19951222**

Priority

- US 9516769 W 19951222
- US 36161594 A 19941222

Abstract (en)

[origin: WO9619215A1] A method for the prevention or treatment of atherosclerosis in a mammal, said method comprising administering an effective amount of natural tocopherol and natural carotene to prevent or treat atherosclerosis in a mammal in need of such prevention or treatment. A pharmaceutical composition for the prevention or treatment of atherosclerosis, which comprises an effective unit dosage amount of natural tocopherol and natural carotene to prevent or treat atherosclerosis and a pharmaceutically acceptable carrier therefor.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

**A61K 31/01** (2013.01); **A61K 31/355** (2013.01); **A61P 9/10** (2017.12)

Citation (search report)

- [X] CA 2057463 A1 19930612 - CREATIVE NUTRITION CANADA CORP [CA]
- [E] EP 0699437 A1 19960306 - PROSPA BV [NL]
- [E] WO 9706697 A1 19970227 - UNILEVER NV [NL], et al
- [PX] FR 2714292 A1 19950630 - SYNTHELABO [FR]
- [X] MEYERS D G: "The prevention of atherosclerosis with antioxidant vitamins.", KANSAS MEDICINE, (1994 JUL) 95 (7) 170-1., XP002119575
- [X] BRATTSAND R: "Actions of vitamins A and E and some nicotinic acid derivatives on plasma lipids and on lipid infiltration of aorta in cholesterol-fed rabbits.", ATHEROSCLEROSIS, (1975 JUL-AUG) 22 (1) 47-61., XP002119576
- [Y] BUTTURINI U: "Vitamins E and A in vascular diseases.", ACTA VITAMINOLOGICA ET ENZYMOLOGICA, (1982) 4 (1-2) 15-9. REF: 20, XP002119577
- [Y] JIALAL I ET AL: "Effect of combined supplementation with alpha- tocopherol, ascorbate, and beta carotene on low-density lipoprotein oxidation [see comments].", CIRCULATION, (1993 DEC) 88 (6) 2780-6., XP002119578
- [Y] KNEKT P ET AL: "Antioxidant vitamin intake and coronary mortality in a longitudinal population study.", AMERICAN JOURNAL OF EPIDEMIOLOGY, (1994 JUN 15) 139 (12) 1180-9., XP002119579
- [X] SPIRT J J ET AL: "The use of vitamin A and E in different forms of atherosclerosis.", Z GES INN MED, (1962 MAY 15) 17 431-6., XP002119580
- See references of WO 9619215A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

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DOCDB simple family (application)

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