

Title (en)
USE OF POLYPHENOL COMPOUNDS OR THEIR DERIVATIVES AS SCAVENGERS OF FREE RADICALS IN CIGARETTE FILTERS

Title (de)
VERWENDUNG VON POLYPHENOLVERBINDUNGEN ODER DEREN DERIVATE ALS FREIE RADIKALFÄNGER IN TABAKRAUCHFILTERN

Title (fr)
UTILISATION DE COMPOSES POLYPHENOLIQUES OU DE LEURS DERIVES COMME CAPTEURS DE RADICAUX LIBRES DANS LES
FILTRES DE CIGARETTE

Publication
EP 1041899 A1 20001011 (FR)

Application
EP 98963627 A 19981223

Priority
• FR 9802868 W 19981223
• FR 9716522 A 19971224

Abstract (en)
[origin: US8567412B2] This invention provides for reducing free-radicals from cigarette smoke by using a filter impregnated by an extract of a rosemary plant in oil, containing carnosol, rosmanol, rosmadial, carnosic acid, genkwanin and rosmarinic acid. The extract is obtained by extraction with an alcoholic solvent or an aqueous alcoholic solvent, followed by extraction with a supercritical fluid.

IPC 1-7
A24D 3/14

IPC 8 full level
A24D 3/14 (2006.01)

CPC (source: EP KR US)
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Cited by
FR3122994A1; WO2022248803A1

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FR 2772561 A1 19990625; FR 2772561 B1 20001229; AT E222714 T1 20020915; AU 1883299 A 19990719; BR 9814488 A 20010925; BR 9814488 B1 20101130; CA 2316988 A1 19990708; CA 2316988 C 20101116; CN 1177546 C 20041201; CN 1283966 A 20010214; DE 69807525 D1 20021002; EP 1041899 A1 20001011; EP 1041899 B1 20020828; IL 136973 A0 20010614; JP 2001526913 A 20011225; JP 4763126 B2 20110831; KR 100890583 B1 20090325; KR 20010033587 A 20010425; NO 20003324 D0 20000623; NO 20003324 L 20000824; NO 311702 B1 20020114; US 2006213533 A1 20060928; US 2012222691 A1 20120906; US 8567412 B2 20131029; WO 9933365 A1 19990708; WO 9933365 B1 19990819

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