

Title (en)
GLYCOALKALOID COMPOSITION AND USES THEREOF

Title (de)
GLYCOALKALOID-ZUSAMMENSETZUNG UND DEREN ANWENDUNGEN

Title (fr)
COMPOSITION CONTENANT DES GLYCO-ALCALOIDES ET LEURS UTILISATIONS

Publication
EP 1539191 A1 20050615 (EN)

Application
EP 03732115 A 20030624

Priority
• AU 0300788 W 20030624
• AU PS329002 A 20020701

Abstract (en)
[origin: WO2004002497A1] A composition comprising at least two glycoalkaloids of formula (I): wherein: either one or both of the dotted lines represents a double bond, and the other a single bond, or both represent single bonds; A: represents a radical selected from the following radicals of general formulae (II) to (V): or each of R<1> is a radical separately selected from the group consisting of hydrogen, amino, oxo and OR<4>; each of R<2> is a radical separately selected from the group consisting of hydrogen, amino and OR<4>; each of R<3> is a radical separately selected from the group consisting of hydrogen, carbohydrate and a carbohydrate derivative; "X" is a radical selected from the group comprising -CH2-, -O- and -NH2-; and wherein the compound includes at least one R<4> group that is a carbohydrate or a derivative thereof selected from the group comprising glyceric aldehyde, glyceroose, erythroose, threose, ribose, arabinose, xylose, lyxose, altrose, allose, gulose, mannose, glucose, idose, galactose, talose, rhamnose, dihydroxyactone, erythrulose, ribulose, xylulose, psicose, fructose, sorbose, tagatose, and other hexoses, heptoses, octoses, nanoses, decoses, deoxysugars with branched chains, (e.g. apiose, hamamelose, streptose, cordycepose, mycarose and cladinose), compounds wherein the aldehyde, ketone or hydroxyl groups have been substituted (e.g. N-acetyl, acetyl, methyl, replacement of CH2OH), sugar alcohols, sugar acids, benzimidazoles, the enol salts of the carbohydrates, saccharinic acids, sugar phosphates; and wherein the ratio of said glycoalkaloids is between 6:1 and 1:6 and on the proviso that when the glycoalkaloids are solamargine and solasonine and they are present in a 1:1 ratio the solamargine and solasonine are isolated.

IPC 1-7
A61K 31/706; **A61P 15/04**; **A61P 15/18**; **A61P 17/12**; **A61P 31/00**; **A61P 35/00**; **G01N 33/58**

IPC 8 full level
A61K 31/706 (2006.01); **A61P 15/04** (2006.01); **A61P 15/18** (2006.01); **A61P 17/12** (2006.01); **A61P 31/00** (2006.01); **A61P 35/00** (2006.01); **G01N 33/58** (2006.01)

CPC (source: EP)
A61K 31/706 (2013.01); **A61P 15/04** (2017.12); **A61P 15/18** (2017.12); **A61P 17/12** (2017.12); **A61P 31/00** (2017.12); **A61P 35/00** (2017.12)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004002497 A1 20040108; AU 2003238544 A1 20040119; AU 2009202266 A1 20090806; AU PS329002 A0 20020718; CA 2489675 A1 20040108; EP 1539191 A1 20050615; EP 1539191 A4 20070321; NZ 537267 A 20061130

DOCDB simple family (application)
AU 0300788 W 20030624; AU 2003238544 A 20030624; AU 2009202266 A 20090608; AU PS329002 A 20020701; CA 2489675 A 20030624; EP 03732115 A 20030624; NZ 53726703 A 20030624