















coverage of life sciences began in 2000.

Pub Pub S National Library of Medici Istional institutes of Heath	PubMed list of results           PubMed         Fire AND Mello [AUTHOR]           RSS         Save search           Advanced	Search Hel
Show additional filters	Display Settings: Summary, 20 per page, Sorted by Recently Added	Filters: Manage Filters
Article types Review More	Send to:	<b>New feature</b> Try the new Display Settings optio
Text	Link to abstract	Sort by Relevance
Abstract	Protection from feed-forward amplification in an amplified RNAi mechanism	
Free full text Full text	Pak J, Maniar JM, <b>Mello</b> CC, <b>Fire</b> A. Cell. 2012 Nov 9:151(4):885-99. doi: 10.1016/j.cell.2012.10.022	Titles with your search terms
Publication dates	PMID: 23141544 [PubMed - indexed for MEDLINE] Free PMC Article Related citations	[RNAi, Fire (see text) Mello]. ānpakushitsu Kakusan Koso. 200
10 years	Ergonomic risks on the operational activities of firefighters from Rio de	e See more
Custom range	2. Janeiro.	
Species Other Animals	Vitari FC, Francisco HS, <b>Mello</b> MG. Work. 2012;41 Suppl 1:5810-2. doi: 10.3233/WOR-2012-0959-5810.	4 free full-text articles in PubMed Central
Clear all	PMID: 22317695 [PubMed - in process] Related citations	Protection from feed-forward







						5 Back to Re	sults
Abstract	Citations <table-cell></table-cell>	BioEntities 🕄	Related Articles			Formats	the last sectors
Miller CN, Lovullo Department of Mik Carolina, USA. Journal of Bacter Type: Journal Ar DOI: 10.1128/JB.0 Abstract Pantothenate, c Niving organism capable of de n	ED, Kijek TM, Fuller crobiology and Immu iology [2013, 195(5) ticle 201740-12 Commonly referre is and forms the e iovo biosynthesis	JR, Brunton JC, Ste innology, School of I 1965-976] (11) Disesses(1) (2) Disesses(1) (2) d to as vitamin B( core of coenzyme of pantothenate.	ele SP, Taft-Benz SA, Rich fedicine, University of Norf 2 GenealProteina(2) 2 Sp 5), is an essential moloc A Unlike humans, son Making this pathway a	ardson AR, Kawula TH h Carolna, Chapel Hil, North Active if avai Highlight Terms 9 Beette 22 Chambaild cule in the metabolism of be Battering and Blants are bettering and Blants are bettering and blants are	able Form	Abstract Full Text of PDF Export citation Email citation	Link to publist website, acce depends on domane you ( (RIS) <b>P</b> / e.g. EndNote
that is able to s genes, panE ar encoding a nov sequenced Fra present in othe Clostridium diff functionally con	ynthesize pantoth nd IIVC, found in th rel KPR, for which ncisella species r pathogenic bach lcile. Both the hor nplemented Fran implement an E.	tenate but is lack the canonical Esc we propose the and is the sole K eria such as Ente mologous gene fi cisella novicida la coli KPR double r nd chemically con	ng the known ketopanti nerichia coll pathway. D name panG (FTT1388), PR in Schu S4. Homolo prococcus faecalis, Cox om E faecalis V583 (El icking any KPR. Further nutant. A Schu S4 Apan mplemented with panG	bate reductase (KPR) escribed herein is a gene which is conserved in all gs of this KPR are ella burnetii, and 1861) and E. coll panE more, panG from F. G strain is a pantothenate in trans or with the	tex che ap hig col	at meaning ecking the k propriate a hlighted in our	options – after pox category is different

44 About Espacenet Other EPO	online services 🔻					Patent w Espace	net
Search Result list 📩 📩 My	y patents list (0) Que	ry history	Settings	Help			
US2011160137 (A1)	Bibliographic	data: US20	11160137	(A1) —	2011-06-30		
Bibliographic data	t in my patents list	A FP Register	-> Report	data error			D Prir
Description		- Er Hogistor	. Report				
Claims							
Mosaics	COMPOSITION C	CONTAINING	COLLAGE		E FOR IMPROVING	S SKIN CARE	
Original de sumant							
Original document	Page bookmark	US2011160137	(A1) - COMP	OSITION CON	TAINING COLLAGEN PER	TIDE FOR IMPROVING SKIN CARE	
Cited documents	(Inventor(s):	KIM JEONG KEE	(KR); LEE JI HA	AE [KR]; YAN	G MI SUK [KR]; LEE JI EUI	N [KR]; KIM WAN GI [KR] ±	
Citing documents	A		0000.000				
INPADOC legal status	Applicant(s):	AMUREPACIFIC	сокр (ккј ±				
INPADOC patent family	classification:	- international:	A61K8/65; A	A61Q19/00; A	61Q19/08		
		- cooperative:	A61K8/365;	A61K8/64; A6	51K8/65; A61K8/676; A6	1K8/735; A61Q19/00; A61Q19/08	
Quick help –	Application number:	US20091306082	5 20090827				
What does A1, A2, A3 and B	Priority number(s):	KP20080083759	20080827 · V	0200968041	793 20090827		
stand for after a European							
bublication number / What happens if I click on "In my	Also published as:	D KR201000255	00 (A) D WO2	2010024608 (	A2) D WO2010024608 (	A3) D JP2012501320 (A)	
patents list"?		CN102131492	<u>(A)</u>				
What happens if I click on the							
"Register" button?							
<ul> <li>wny are some sidebar options</li> <li>deactivated for certain</li> </ul>	Abstract of US2	011160137 (	A1)		_		
documents?	Translate this text into	i					
How can I bookmark this page?	Chinese	- pate	ttranslate	owered by EPO and (	Google		
Why does a list of documents				_			
with the heading "Also published	The present invention r	elates to an oral o	omposition for	improving the	e beauty of the skin, whi	ch exhibits the effects of reducing	skin wrinkle
as" sometimes appear, and what	and inhibiting wrinkle for	ormation. The com	position contai	ns a collagen	peptide and at least one	selected from the group consisting	ofelastin
are these documents?	protein, hyaluronic acid	and vitamin C. Pa	rticularly, the	composition c	ontains the collagen pept	ide, the elastin protein, hyaluronic a	acid and
shetract of a corresponding	vitamin C at the optimur	mratio, and when	it is taken into	the human bo	dy, it has no side effect,	maximizes the biosynthesis of coll	lagen in the
document2	skin dermal layer, shov	vs excellent in viv	o retention rate	e, and exhibits	s the effects of inhibiting	skin wrinkle formation, maintaining	or improvin
What happens if I click on the red	skin elasticity and mois	turizing the skin. T	hus, the comp	osition will be	useful as a health funct	ional food for improving the beauty	of the skin
"patent translate" button?	and preventing skin agi	ing.					



Biotechnology = subclass C12	
ORGANIC CHEMISTRY (such compounds as the oxides, suffices, or oxysulfides of carbon, cyanogen, phospen, hydrocyanic aid or saits theref C01: products obtained from layered base-exchange silicates by ion-exchange with organic compounds such as ammonium, phosphonium or supulator by pitretralation of organic compounds C01833/44 ; macromolecular compounds C08; dyes C08; [Firmentation products C12; [Fermentation or enzyme-using processes to synthesise a desired chemical compound or to separate optical isomers from a racemic mixture C12P; production of organic compounds by electrolysis or electrohoresis C28300, C287000	C07 🗖
ORGANIC MACROMOLECULAR COMPOUNDS; THEIR PREPARATION OR CHEMICAL WORKING-UP; COMPOSITIONS BASED THEREON (manufacture or treatment of artificial threads, fibres, bristles or ribbons D01] (29410)	C08 📼
DYES; PAINTS; POLISHES; NATURAL RESINS; ADHESIVES; MISCELLANEOUS COMPOSITIONS; MISCELLANEOUS APPLICATIONS OF MATERIALS	C09 🔲
PETROLEUM, GAS OR COKE INDUSTRIES; TECHNICAL GASES CONTAINING CARBON MONOXIDE; FUELS; LUBRICANTS; PEAT	C10 🔲
ANIMAL AND VEGETABLE OILS, FATS, FATTY SUBSTANCES AND WAXES; FATTY ACIDS THEREFROM; DETERGENTS; CANDLES (edible oil or fat compositions A23)	C11 🔲
BIOCHEMISTRY; BEER; SPIRITS; WINE; VINEGAR; MICROBIOLOGY; ENZYMOLOGY; MUTATION OR GENETIC ENGINEERING	C12 🔲
SUGAR OR STARCH INDUSTRY (polysaccharides, e.g. starch, derivatives thereof C08B ; malt C12C)	C13 🔲
SKINS; HIDES; PELTS; LEATHER	C14 🔲
METALLURGY OF IRON	C21 🔲
METALLURGY (of iron C21); FERROUS OR NON-FERROUS ALLOYS; TREATMENT OF ALLOYS OR NON-FERROUS METALS (production of metals by electrolysis or electrophoresis C25)	C22 🔲
COATING METALLIC MATERIAL; COATING MATERIAL WITH METALLIC MATERIAL (by metalising textils goldM1183; decorating textils by locally metalising goldG104); CHEIMCAL SURFACE TREATMENT: DIFFUSION TREATMENT OF METALLIC MATERIAL; COATING BY VACUUM EVAPORATION, BY SPUTTERING, BY ION MPLANTATION OR BY CHEMICAL VAPOUR DEPOSITION, IN GENERAL (or specific applications, see the relevant laces, e.g. for providenting metaletics MICC <sup>2</sup> (CPC). BMIETING: OPDISO/LOC METALLIC MATERIAL; COATING BY CHEMICAL (CARDING)	C23 🔳
INCRUSTATION IN GENERAL (treating metal surfaces or coating of metals by electrol electrophoresis (25D, C25F)	SES – numbers

	A EVPASV		
Sir O			
	Eloniornales neserre		Home About C
	Query all databases	× search	
			_
Visual Guidance	ExPASy is the SIB Bioinformatics Resource	Portal which provides access to scientific da	atabases Popular resources
Categories	and software tools (i.e., resources) in diffe	erent areas of life sciences including pro	teomics,
proteomics	genomics, phylogeny, systems biology, popula the left menu). On this portal you find resource	ition genetics, transcriptomics etc. (see Cate	outermal de Claser MODEL
genomics	institutions.	es nom many unevent SIB groups as well as	external w styles-MODEL
structural bioinformatics			TRING
systems biology	Eesturing today		-RUSITE
phylogenylevolution	T until ing today		
population genetics	TCS	1000	Latest News
transcriptomics	Predict interaction specificity in I signalling (two-component syste	ems)	MetaNetX is available - 2013-02-
biophysics	[details]	111	A new Systems Biology website
imaging			MetaNetX has been added
	•••••	$\langle \rangle$	EasyProt is available - 2013-02-0
IT infrastructure			A new mass spectrometry tool ca
IT infrastructure drug design			EasyProt has been added
IT infrastructure drug design Resources AZ			EasyProt has been added















BRI	<b>INDA</b> at	the Instit	ute of	Biochem	istry a	nd Bioii	nformatic
	ne reem		crany c			9, 0011	indity
• @ www.bren	da-enzymes.org/index.p	hp			🛃 🕆 obraz	<u>ዖ</u> ☆	ê 🖡 🏦 😫
o to	ð	The Cor	BRE mprehensive Enz		ystem	∎] login	Technicki Technicki Technicki Technicki Technicki Technicki Technicki
		Welco	ome to the nev	BRENDA webs	ite!!		
Enzymo	atic data ar	e extracted	from prim qualified	ary literatu scientists.	re and cr	itically ev	aluated by
		add sea	rch field delete	search field start	search		
P Cla P Full P Adv	ssic view text Search ranced Search	Substructure TaxTree Exp EC Explorer	e Search blorer ,	R Sequence Se Genome Expl Ontology Exp	arch [ lorer EL lorer BKM	Functional En EnzymeDeteo Biochemical F	zyme Parameters tor Reactions
	Use of this online ver	sion of BRENDA is free for ac	ademic research only.	Commercial use or downlo	ad access requires	a license. See terms of	use. Release 2014.2 (July 2014)
BRENDA	Information	Help	<ul> <li>Contribut</li> </ul>	e 🖪 Download	BRENDA Professional	Contact and Impressum	BRENDA on Facebook



