

IMS Patent Focus

Date revised: 12 December 2013

Description

IMS Patent Focus provides detailed patent information for more than 5,000 commercially significant pharmaceutical compounds, both marketed or in Phase III (or above) clinical trials.

Patent family information consists of the publication number and date, filing date, patent type, estimated expiry date (including patent extensions where applicable), Supplementary Protection Certificate (SPC) dates, and the date on which the patent was added to the family.

Country comments provide additional information about a particular patent family member and may also include Supplementary Protection Certificate (SPC) status in Europe, and patent extensions in Australia, Israel, Japan, Russia, South Korea, Taiwan, Ukraine, and USA, if applicable.

Substance information about the compound(s) includes generic names and synonyms, CAS[®] Registry numbers, drug names, brand names and therapeutic class codes. Indications, mechanisms of action, and highest phase are also provided.

Date Coverage

1950 – present

Geographic Coverage

International

Subject Coverage

The extensive worldwide coverage of IMS Patent Focus covers pharmaceutical patents from over 120 countries.

The patents are grouped together into families which consist of a set of published patent applications or granted patents that protect a single invention. A first application (filing) – the priority – is made in one country and is then extended to multiple countries.

Sources

IMS Patent Focus is compiled using national Patent Office information, in addition to original patent specifications, patent office journals, and additional secondary sources of patent and chemical information.

Update Frequency

Monthly

Document Types

Patents

Publisher

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Field codes may be used in searches entered on the Basic Search, Advanced Search and Command Line Search pages. The tools available for searching are [Search Fields](#), [Limit Options](#), [Browse Fields](#), [“Narrow Results By” Limiters](#), and [Look Up Patent](#). Each is listed separately below. Some data can be searched using more than one tool.

Sample record

TI
PA,PBC,PN,PD

Aerosol dispenser for use with an aerosol vial comprising budesonide in combination with formoterol - 1990
Minnesota Mining and Manufacturing (Assignee). **WO 1992009324**. (Published 11 Jun 1992).

[Bibliographic information](#) [Family members \(4\)](#)

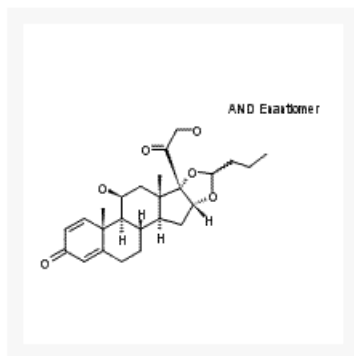
Abstract (summary) [Translate](#)

AB

The patent family listed here claims an aerosol dispenser for use with an aerosol vial containing a medicament. A fixed combination of budesonide in combination with formoterol fumarate dihydrate is claimed generically as a medicament.

The patent family listed here relates to the SYMBICORT formulations of budesonide in combination with formoterol fumarate dihydrate.

IMS Drug ID(s) 2015584



Indexing (details)

[Cite](#)

PA,CO

Assignee [Minnesota Mining and Manufacturing](#)
USA (Nationality)

PPC,PRN,PRD

Priority number [GB 199025654](#) (26 November 1990)

CNM, SUBST

Substance
IMS drug ID: 2015584
Substance: [rel-N-\[2-hydroxy-5-\[\(1R\)-1-hydroxy-2-\[\[\[\(1R\)-2-\(4-methoxyphenyl\)-1-methylethyl\]amino\]ethyl\]phenyl\]formamide and \(11beta,16alpha\)-16,17-\[butylidenebis\(oxy\)\]-11,21-dihydroxypregna-1,4-diene-3,20-dione](#)

GN,SUBST

Generic name: [budesonide + formoterol](#)
[formoterol + budesonide](#)

SYN,SUBST

Synonym: [formoterol + budesonide](#)

RN,SUBST

CAS registry number: [51333-22-3 - budesonide](#)
[73573-87-2 - formoterol](#)
[150693-37-1 - budesonide mixed with formoterol](#)
[150693-38-2 - budesonide mixed with formoterol fumarate](#)

IND
MEC

Indication: [asthma, COPD](#)
Mechanism of action: [beta adrenergic agonist, fixed combination, corticosteroid, beta2 adrenergic agonist](#)

TN, SUBST

Trade name SYMBICORT
Therapeutic classification R3F: Combinations Of B2-stimulants With Corticoids
Phase Highest phase: Marketed
Language English
Document type Patent Family
Source attribution IMS Patent Focus, © Publisher specific

TC

PHS

LN

DT

AN

Accession number 9628
Document URL <http://2013r3nightly.aa1.proquest.com/professional/docview/17573724?accountid=91509>

FAV

UD

First available 2012-06-14
Updates 2012-06-14
2012-06-21
2012-08-14
2012-10-11

PUB

2013-05-31
2013-06-18
2013-10-10
Database IMS Patent Focus (1982 - current)

KC,PBC,PN¹
PDA,APD,LD

Bibliographic information Family members (4)

Publication number	Publication date	Application date	Expiration date	Last revised date
<input checked="" type="checkbox"/> WO 9209324	19920611	19911112		20100916
<input checked="" type="checkbox"/> AU 9060491	19920625	19911112	20111112	20100916
<input checked="" type="checkbox"/> US 5349945	19940927	19911112	20111112	20100916
<input type="checkbox"/> EP 0559757	19950412	19911112	20111112	20100916

PBC,PN,PDA DS

Related publication EP 0559757 (19930915)
Designated states Germany France Great Britain Italy

TX

Germany
Granted (1995); Lapsed (2003)
Document type: Device
Description: Aerosol dispenser for use with an aerosol vial comprising budesonide in combination with formoterol - 1990
Country comment:
EP0559757 B is based on WO9209324 and claims an aerosol dispenser comprising a housing adapted to accommodate an aerosol vial, equipped with a metered-dose dispensing valve that comprises a stem that moves between closed and discharge positions, the aerosol vial containing a self-propelled pharmaceutical formulation comprising a medicament.
A fixed combination of budesonide in combination with formoterol fumarate dihydrate is claimed generically as a medicament.
The German patent office has assigned the number DE69108929 to EP0559757 B.
EP0559757 B lapsed in Germany in June 2003.

France
Granted (1995)
Document type: Device
Description: Aerosol dispenser for use with an aerosol vial comprising budesonide in combination with formoterol - 1990
Country comment:
EP0559757 B is based on WO9209324 and claims an aerosol dispenser comprising a housing adapted to accommodate an aerosol vial, equipped with a metered-dose dispensing valve that comprises a stem that moves between closed and discharge positions, the aerosol vial containing a self-propelled pharmaceutical formulation comprising a medicament.
A fixed combination of budesonide in combination with formoterol fumarate dihydrate is claimed generically as a medicament.

Search fields

You can use field codes on the Basic Search, Advanced Search, and Command Line Search pages to limit searches to specific fields. The table below lists the field codes for this file.

Field Name	Field Code	Example	Description and Notes
Abstract	AB	ab(aerosol dispenser*)	Searches the main abstract only; TX can be used to search abstracts and country comments. Use adjacency and/or Boolean operators to narrow search results.
Abstract present	ABANY	"inhaler counter" AND abany(yes)	Add: <i>AND ABANY(YES)</i> to a query to limit retrieval to records with abstracts.
Accession number	AN	an(9628)	A unique document identification number assigned by the information provider.
All fields	ALL	all(verapamil)	Searches all fields <i>except</i> the full text in full-text databases. Use proximity and/or Boolean operators to narrow search results.
All fields + text		"technion israel"	Searches all fields; including the country-specific text
All publication numbers	PNA	pna(AU 87/68715)	Searches publication and related publication numbers
Any number	PNUM	pnum(WO1991US8204)	Includes priority application, publication and related publication numbers. Enhanced/variant forms of the number are also searchable.
Application country	APC	apc(GB)	Searches priority application country
Application date	APD	apd(1991-11-12) apd(19911112)	Searches application date.
Application dates – all	APDA	apda(19901126)	Includes application and priority dates.
Application number	APN	apn(GB 199025654)	Searches priority application numbers
Application numbers – all	APNA	apna(US 61111919)	Includes priority application numbers
CAS registry number	RN SUBST	rn("150693-37-1") rn("107322-03-2") LNK monohydrochloride	Descriptions of CAS registry numbers can be searched using the LNK operator and the desired term without a field code
Chemical substance name	CNM SUBST	cnm(dihydroxypregna)	Note that substance names can also be searched without a field code.
Company information	CO	co(technion)	Includes assignee. Does not search parent company
Designated states	DS	ds(france and germany)	Search designated states with their full names
Document text	TX	tx("self-propelled pharmaceutical formulation")	Includes country comments and abstract(s). Use adjacency and/or Boolean operators to narrow search results.
Document title	TI	ti("aerosol vial")	Includes title
Document type	DTYPE	dtype("patent family") dtype(device) dtype(composition)	The generic document type for all records in IMS Patent Focus is "patent family". Specific document types such as "product" or "device" can also be searched.
Drug synonym	SYN SUBST	syn(formoterol AND budesonide)	
First available	FAV	fav(2012-10-23)	Indicates the first time a document was loaded in this database. It will not change however many times the record is subsequently reloaded.

Field Name	Field Code	Example	Description and Notes
From database ²	FDB	verapamil AND fdb(1008263) verapamil AND fdb(imspatentfocus)	Useful in multi-database searches to isolate records from a single database. When using FDB for this database, enter the name without blanks as illustrated.
Full text	FT	ft("self-propelled pharmaceutical formulation")	Also searchable as TX.
Generic name	GN SUBST	gn(formoterol)	
Highest phase	PHS	phs("phase iii")	Includes the highest known development phase worldwide
Indication	IND	ind(copd AND asthma)	
Language	LN	ln(english)	The language in which the document was originally published.
Mechanism of action	MEC	mec(adrenergic agonist)	
Parent company	--	"techion israel"	Search without a field code
Patent assignee	PA	pa(minnesota mining)	Includes assignee
Patent assignee country	ACO	aco(USA)	This is actually "nationality"
Patent expiration date	LD	ld(20111112)	
Patent publication country	PBC PC	pbc(wo AND us) pc(wo AND us)	Searches the 2-letter ISO standard country code for the main and related patent publication country.
Patent publication dates – all	PDA	pda(19930915) pda(19920625 AND 19920611) pda(1994)	Includes all publication dates in the family.
Patent publication number	PN	pn(EP 0559757)	Searches publication numbers in the family.
Patent publication numbers – all	PNA	pna(AU 92/22550)	Searches publication and related publication numbers in the family.
Priority application country	PPC	ppc(gb)	Searches the 2-letter ISO-standard country code associated with the priority application number(s).
Priority application date	PRD	prd(19901126)	Searches the 8-digit date(s) assigned to priority application number(s).
Priority application number	PRN	prn(GB 199025654)	Searches priority application numbers
Publication title	PUB	pub(IMS Patent focus)	In a patent database, the publication title is generally the database name.
Publication type	PT	pt(government)	All records in IMS Patent Focus have the publication type "Government & Official Publications".
Substance	SUBST	subst(formoterol) subst("51333-22-3" AND budesonide)	Searches chemical names, generic names, synonyms, trade names, CAS Registry numbers and their descriptions.
Therapeutic classification	TC CL	tc(r3f) cl(corticoid*) tc(r3f) LNK cl(b2 stimulant*)	Search class description using CL. Use the LNK operator to link TC and CL.
Trade name	TN SUBST	tn(symbicort)	
Updates	UD	ud(20131110)	The date(s) the record was loaded as a result of an update provided by the supplier.

² FDB searches the database ID. Click the "Field codes" hyperlink at the top right of the Advanced Search page. Click "Search syntax and field codes", then click on "FDB command" to get a list of database names and codes that can be searched with FDB.

Limit options

Limit options are quick and easy ways of searching certain common concepts. Short lists of choices are available for: **Document type**.

Date limiters are available in which you can select single dates or ranges for date of **publication** and **updated**.

Browse fields

You can browse the contents of certain fields by using Look Up lists. These are particularly useful to validate spellings or the presence of specific data. Terms found in the course of browsing may be selected and automatically added to the Advanced Search form. Look Up lists are available in the fields drop-down only for: **Patent assignee**.

“Narrow Results By” limiters

When results of a search are presented, the results display is accompanied by a list of “Narrow results by” options shown on the right-hand panel. Click on any of these options and you will see a ranked list showing the most frequently occurring terms in your results. Click on the term to apply it to (“narrow”) your search results. Narrow results by limiters in IMS Patent Focus include: **Document type, Patent assignee, Patent publication country, and Publication date (slider)**

Look up patent

If you need to trace a particular patent, use the Look Up Patent feature. Find a link to this toward the top of the Basic Search, Advanced Search, or Command Line Search page; click this and you will go to a page where you can enter any known details of the patent, including: Number, Patent title, Assignee, Inventor, Publication date, and Application date.

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