

Patents and Patent Applications of PARI Pharma GmbH with the Inventor Dr. M. Keller

Device Patents and Patent Applications

Mixing Chamber: entitled “Inhalation nebulizer”, priority date: 5 November 1999.

Application number	Publication number	Filing date	Patent number	Issue date
PCT/US 00/29541	WO 01/34232	27 Oct 2000	n/a	n/a
EP 00973 900.4	EP 1227856	27 Oct 2000	EP 1227856 (*)	17 Jul 2008
AU 20010012348	WO 01/34232	27 Oct 2000	AU 781911	6 Oct 2005
CA 2,389,936	CA 2,389,936	27 Oct 2000	CA 2,389,936	10 Apr 2007
JP 2005343334	JP 2007294049	27 Oct 2000	JP 4589862	1 Dec 2010
US 10/129,498	WO 01/34232	27 Oct 2000	US 6,962,151	8 Nov 2005

(*) EP in force in BE; CH/LI; DE; ES; FR; GB; IE; IT; NL; SE

Vibrent (low flow): entitled “Aerosols for sinus nasal drug delivery”; priority date: 31 August 2007.

Application number	Publication number	Filing date	Patent number	Issue date
PCT/EP2008/007090	WO 2009/027095	29 Aug 2008	n/a	n/a
AU 2008291328	AU 2008291328	29 Aug 2008	AU 2008291328	31 Oct 2013
CA 2,693,078	CA 2,693,078	29 Aug 2008		
EP 08801768	EP 2194966	29 Aug 2008	EP 2194966 (*)	2 Dec 2015
JP 2010522253	JP 2010536519	29 Aug 2008	JP 5827802	23 Oct 2015
US 12/675,257	US 20100316576	29 Aug 2008	US 8,852,557	7 Oct 2014
US 14/470,197	US 20140366872	29 Aug 2008		

(*) EP in force in DE, ES, FR, GB, IT

Formulation Patents and Patent Applications

Pharmaceutical Kit: entitled “Kit for the preparation of a pharmaceutical composition”; priority date: 24 October 2001.

Application number	Publication number	Filing date	Patent number	Issue date
PCT/EP02/11918	WO 03/035030	24 Oct 2002	n/a	n/a
AU 2002350622	AU 2002350622	24 Oct 2002	AU 2002350622	14 Sep 2006
CA 2,464,250	CA 2,464,250	24 Oct 2002	CA 2,464,250	8 May 2008
EP 02785304.3	EP 1438019	24 Oct 2002		
MXPA/a/2004/003879	MX PA/a/2004/003879	24 Oct 2002	MX 271342	29 Oct 2009
RU 2004115390	RU 2004115390	24 Oct 2002	RU 2279292	10 July 2006

Carrier (budesonide): entitled “Pharmaceutical aerosol compositions”; priority date: 15 October 2003.

Application number	Publication number	Filing date	Patent number	Issue date
PCT/EP2004/011571	WO 2005/037246	14 Oct 2004	n/a	n/a
RU 2006114451	RU 2006114451	14 Oct 2004	RU 2363449	10 Aug 2009

Carrier US (cyclosporine): entitled “Pharmaceutical aerosol compositions”; priority date: 15 October 2003 (Continuation in part of Carrier (budesonide), i.e. belonging to Carrier (budesonide) family).

Application number	Publication number	Filing date	Patent number	Issue date
US 11/106,999 (CIP)	US 20050244339	14 Oct 2004	US 7,758,886	20 Jul 2010

Tobramycin: entitled “Flüssige Zubereitung enthaltend Tobramycin”, (translation: “Liquid preparation containing tobramycin”); priority date: 15 October 2003.

Application number	Publication number	Filing date	Patent number	Issue date
PCT/EP2004/011572	WO 2005/037256	14 Oct 2004	n/a	n/a
AU 2004281532	AU 2004281532	14 Oct 2004	AU 2004281532	1 Jul 2010
CA 2,541,849	CA 2,541,849	14 Oct 2004	CA 2,541,849	31 Jul 2012
EP 04790428.9	EP 1673074	14 Oct 2004	EP 1673074 ^(*)	3 Jan 2007
MXPA/a/2006/004135	MX PA/a/2006/004135	14 Oct 2004	MX 259692	18 Aug 2008
RU 2006114454	RU 2006114454	14 Oct 2004	RU 2341267	20 Dec 2008

^(*) EP in force in AT, BE, CH/LI, DE, DK, ES, FR, GB, IT, SE

Carrier (cyclosporine): entitled “Pharmaceutical aerosol compositions”; priority date: 15 April 2005.

Application number	Publication number	Filing date	Patent number	Issue date
PCT/EP2006/03147	WO 2006/108556	6 Apr 2006	n/a	n/a
AU 2006233604	AU 2006233604	6 Apr 2006	AU 2006233604	17 May 2012
BR PI0607574-6	BR PI0607574-6	6 Apr 2006		
CA 2,604,327	CA 2,604,327	6 Apr 2006	CA 2,604,327	15 Oct 2013
EP 06724092.9	EP 1874270	6 Apr 2006	EP 1874270 ^(*)	12 Aug 2015

^(*) EP in Force in AT, BE, CH/LI, DE, DK, ES, FR, GB

Cyclosporine: entitled “Pharmazeutische Zusammensetzungen mit Cyclosporin”, (translation: “Pharmaceutical compositions comprising cyclosporine”); priority date: 06 December 2005 and 31 October 2006.

Application number	Publication number	Filing date	Patent number	Issue date
PCT/EP2006/011459	WO 2007/065588	29 Nov 2006	n/a	n/a
AU 2006322342	AU 2006322342	29 Nov 2006	AU 2006322342	6 Sep 12
BR PI0619475-3	BR PI0619475-3	29 Nov 2006		
CA 2,639,696	CA 2,639,696	29 Nov 2006	CA 2,639,696	2 Jun 2015
EP 06818907.5	EP 1968538	29 Nov 2006	EP 19685381 ^(*)	25 Apr 2012
RU 2008125986	RU 2008125986	29 Nov 2006	RU 2421209	20 Jun 2011
US 12/086,141	US 20090169607	29 Nov 2006	US 9,161,963	20 Oct 2015
US 13/693,147	US 20130177626	29 Nov 2006		

^(*) EP in force in AT, BE, DE, ES, FR, GB, IT, NL, SE

DSCG: entitled “Disodium cromoglycate compositions and methods for their administration”; priority date: 03 February 2006.

Application number	Publication number	Filing date	Patent number	Issue date
US 11/671,330 ^(*)	US 20070193577	5 Feb 2007	US 8,263, 645	11 Sept 2012

^(*) Provisionals: US 60/764,763 and US 60/867,680

Levofloxacin: entitled “Nebulised antibiotics for inhalation therapy”; priority date: 10 February 2006.

Application number	Publication number	Filing date	Patent number	Issue date
PCT/EP2007/01080	WO 2007/090646	8 Feb 2007	n/a	n/a
EP 07703355.3	EP 1991201	8 Feb 2007		

Macrolides: entitled “Macrolide compositions having improved taste and stability”; priority date: 05 March 2008.

Application number	Publication number	Filing date	Patent number	Issue date
PCT/EP2009/001572	WO 2009/109390	5 Mar 2009	n/a	n/a
EP 09718249	EP 2259773	5 Mar 2009	EP 2259773 ^(*)	17 Jul 2013

^(*)EP in force in DE, ES, FR, GB, IT

DSCG excipient mix: entitled “Concentrated mast cell stabilising pharmaceutical formulations”; priority date: 08 May 2009.

Application number	Publication number	Filing date	Patent number	Issue date
EP 09006294.4	EP 2248517	8 May 2009	EP 2248517 ^(*)	26 Mar 2014
PCT/EP2010/056197	WO 2010/0128111	6 May 2010	n/a	n/a
JP 2012509043	JP 2012526084	6 May 2010	JP 5863641	8 Jan 2016
US 13/291,488	US 20120118991	6 May 2010	US9,198,859	1 Dec 15

^(*)EP in force in DE, ES, FR, GB, IT, PL, TR

Additional Joint Patents and Joint Patent Applications from Meiji and PARI

Arbekacin: entitled “Aqueous Compositions Comprising Arbekacin“, priority date: 12 September 2011.

Application number	Publication number	Filing date	Patent number	Issue date
EP 11180927.3	EP 2567691	12 Sep 2011	EP2567691 ^(*)	24 Dec 2014
PCT/EP2012/065265	WO 2013/037566	3 Aug 2012	n/a	n/a
AU 2012307661	AU 2012307661	3 Aug 2012		
BR 112014005538-6		3 Aug 2012		
CA 2,844,923	CA 2,844,923	3 Aug 2012		
CN 2012844339.0	CN 103826611	3 Aug 2012		
EP 12745830 ^(*)	EP 2755635	3 Aug 2012	EP2755635	14 Oct 2015
EG		3 Aug 2012		
ID		3 Aug 2012		
IN 1128CHENP2014	IN 1128CHENP2014A	3 Aug 2012		
JP 2014530130	JP 201452648	3 Aug 2012		
KR 20147009537	KR 20140090598	3 Aug 2012		
MX 2014002465	MX 2014002465	3 Aug 2012		
RU2014114512	RU2014114512	3 Aug 2012		
TH		3 Aug 2012		
UA		3 Aug 2012		
US 14/344,487	US 201403433005	3 Aug 2012		
VN		3 Aug 2012		

^(*)EP in force in BE, DE, ES, FR, GB, GR, IT, NL, PL, PT, RO, TR