

04/07/16

Number of documents: 6

CA2894161	Platelet concentrate preservation method ADVANCED PRESERVATIONS TECHNOLOGIES RICH PRODUCTS
CA2860037	Method for living tissue preservation ADVANCED PRESERVATION BAY BASTIONS TECHNOLOGIES LIABILITY ADVANCED PRESERVATIONS TECHNOLOGIES KAS VIE LEE NUTELLA EYE RICH PRODUCTS SHUMIFU ALEXANDRE
CA2824948	Method for preserving cells and cell cultures ADVANCED PRESERVATION BAY BASTIONS TECHNOLOGIES LIABILITY ADVANCED PRESERVATIONS TECHNOLOGIES EDVANST PREZERVEJSHNZ TEKNOLODZHIZ ELELSI RICH PRODUCTS
WO201499513	Device for preserving blood products in a gas medium under pressure ADVANCED PRESERVATIONS TECHNOLOGIES ADVANCED PRESERVATIONS TECHNOLOGY
CA2892006	Erythrocyte preservation method ADVANCED PRESERVATION BAY BASTIONS TECHNOLOGIES LIABILITY ADVANCED PRESERVATIONS TECHNOLOGIES ADVANCED PRESERVATIONS TECHNOLOGY DARTMOUTH COLLEGE
CA2835075	System, method, and device for preserving blood or its components in gas medium under pressure ADVANCED PRESERVATIONS TECHNOLOGIES RICH PRODUCTS

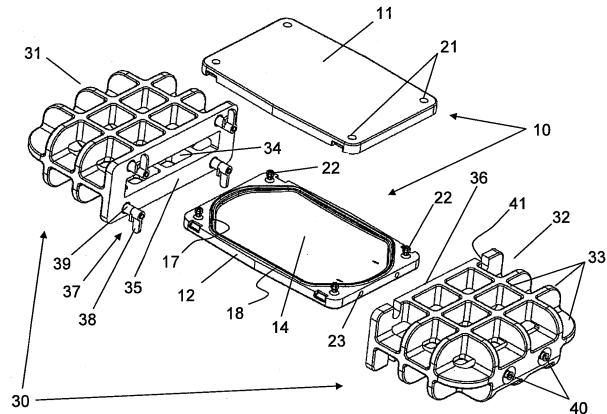
Platelet concentrate preservation method CA2894161

<ul style="list-style-type: none"> • Patent Assignee ADVANCED PRESERVATIONS TECHNOLOGIES RICH PRODUCTS • Inventor ILYIN ILYA KACHKO IGOR SHUMEEV ALEXANDER PUNIN YURI KOLCHANOV STANISLAV • International Patent Classification A01N-001/02 A61J-001/10 A61J-001/14 A61J-001/16 • US Patent Classification PCLO=435002000 • CPC Code A01N-001/02/1; A01N-001/02/89; A61J-001/10; A61J-001/1468; A61J-001/16 A61J-001/16/5 A61J-001/16/5; A61J-001/16; 	<ul style="list-style-type: none"> • Publication Information CA2894161 A1 2014-06-26 [CA2894161] • Priority Details 2012US-61739327 2012-12-19 2013US-14648804 2013-12-11 2013WO-US74251 2013-12-11 																				
<ul style="list-style-type: none"> • Fampat family <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">CA2894161</td> <td style="width: 10%;">A1</td> <td style="width: 20%;">2014-06-26</td> <td style="width: 30%;">[CA2894161]</td> </tr> <tr> <td>WO2014099515</td> <td>A1</td> <td>2014-06-26</td> <td>[WO201499515]</td> </tr> <tr> <td>EP2934111</td> <td>A1</td> <td>2015-10-28</td> <td>[EP2934111]</td> </tr> <tr> <td>US2015305324</td> <td>A1</td> <td>2015-10-29</td> <td>[US2015305324]</td> </tr> <tr> <td>CN105050390</td> <td>A</td> <td>2015-11-11</td> <td>[CN105050390]</td> </tr> </table> 		CA2894161	A1	2014-06-26	[CA2894161]	WO2014099515	A1	2014-06-26	[WO201499515]	EP2934111	A1	2015-10-28	[EP2934111]	US2015305324	A1	2015-10-29	[US2015305324]	CN105050390	A	2015-11-11	[CN105050390]
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EP2934111	A1	2015-10-28	[EP2934111]																		
US2015305324	A1	2015-10-29	[US2015305324]																		
CN105050390	A	2015-11-11	[CN105050390]																		

- **Abstract:**

(EP2934111)

A method and a platelet concentrate preservation device for platelet concentrate storage. A method includes at least partially saturating platelet concentrate xenon, and storing the platelet concentrate at less than 15 C in a generally horizontal position. A device can be used to store blood, blood products, or combinations thereof that may or may not be under pressure. The device includes a chamber having a cavity. The chamber includes first and second chamber parts that form the cavity when releasably connected together. The cavity is designed to receive at least one bag that contains the blood, blood products, or combinations thereof. The device also includes a high-strength casing and includes a chamber cavity. The high-strength casing includes first and second casing parts that form the chamber cavity when releasably connected together. The chamber cavity is designed to receive the chamber. (From US2015305324 A1)



Method for living tissue preservation CA2860037

<ul style="list-style-type: none"> • Patent Assignee ADVANCED PRESERVATION BAY BASTIONS TECHNOLOGIES LIABILITY ADVANCED PRESERVATIONS TECHNOLOGIES KAS VIE LEE NUTELLA EYE RICH PRODUCTS SHUMIFU ALEXANDRE • Inventor ILYIN ILYA KOGAN SEMYON GRIESHOBER WILLIAM E JR JONES JAMES S SHUMEEV ALEXANDER N KOLCHANOV STANISLAV A FILKINA YANA A PUNIN YURIY ENUKASHVILY NATELLA I • International Patent Classification A01N-001/02 A61J-001/14 A61M-001/02 C12N-001/04 C12N-005/02 C12N-005/078 • US Patent Classification PCLO=435002000 • CPC Code A01N-001/02/1; A01N-001/02/21; A01N-001/02/63; A01N-001/02/84; A01N-001/02/89; A61J-001/1468; A61M-001/02/72; A61M-2202/0427; C12N-005/0644; C12N-2500/02 	<ul style="list-style-type: none"> • Publication Information CA2860037 A1 2013-04-04 [CA2860037] • Priority Details 2011US-61539009 2011-09-26 2012US-14345740 2012-09-26 2012WO-US57211 2012-09-26 																																								
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RU2014117025	A	2015-11-10	[RU2014117025]																																						

- **Abstract:**

(EP2760991)

A method for platelet preservation comprising placing a composition comprising platelets in a gas mixture comprising xenon and oxygen under pressure of about 0-10 Bars at a first temperature of about 18° C.-37° C. for a first period of time, and then subsequently cooling the composition to a second temperature of about 0,1° C.-6° C., and holding the composition under the pressure and in the second temperature for a second period of time. (From US2014227678 A1)

样品号	条件	储存时 间, 天数	细胞数	pH	乳酸盐, mM	葡萄糖, mM
1	新鲜	0	100%	7.7	0.6	18.4
2	室温对 照	5	93%	7.2	10.6	11.8
3	对照+4	14	41%	7.3	10.4	12.5
4	O ₂ -0%	14	49%	8.1	11.6	12.5
5	O ₂ -5%	14	46%	8.1	9.6	12.3
6	O ₂ -13%	14	93%	7.4	8.0	16.2
7	O ₂ -21%	14	45%	7.4	7.7	12.1

Device for preserving blood products in a gas medium under pressure WO201499513

<ul style="list-style-type: none"> • Patent Assignee ADVANCED PRESERVATIONS TECHNOLOGIES ADVANCED PRESERVATIONS TECHNOLOGY • Inventor ILYIN ILYA PUNIN YURI SHUMEEV ALEXANDER KOLCHANOV STANISLAV KACHKO IGOR • International Patent Classification A01N-001/02 A61J-001/05 B65D-081/20 • CPC Code A01N-001/02/1; A01N-001/02/63; A01N-001/02/89; A61J-001/10 	<ul style="list-style-type: none"> • Publication Information WO2014099513 A1 2014-06-26 [WO201499513] • Priority Details 2012US-61739327 2012-12-19 2012US-61739333 2012-12-19 												
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TW201438706	A	2014-10-16	[TW201438706]										
AR094121	A1	2015-07-08	[AR--94121]										

- **Abstract:**

(WO201499513)

A device that can be used to store blood, blood products, or combinations thereof that may or may not be under pressure. The device includes a chamber having a cavity. The chamber includes first and second chamber parts that form the cavity when releasably connected together. The cavity is designed to receive at least one bag that contains the blood, blood products, or combinations thereof. The device also includes a high-strength casing and includes a chamber cavity. The high-strength casing includes first and second casing parts that form the chamber cavity when releasably connected together. The chamber cavity is designed to receive the chamber.

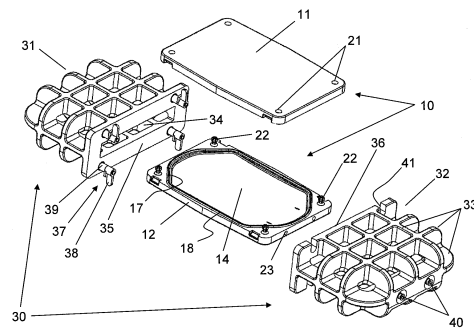


Fig. 1

Erythrocyte preservation method CA2892006

<ul style="list-style-type: none"> • Patent Assignee ADVANCED PRESERVATION BAY BASTIONS TECHNOLOGIES LIABILITY ADVANCED PRESERVATIONS TECHNOLOGIES ADVANCED PRESERVATIONS TECHNOLOGY DARTMOUTH COLLEGE • Inventor ILYIN ILYA DUMONT LARRY J • International Patent Classification A01N-001/00 A01N-001/02 A61J-001/05 A61J-001/10 A61K-035/14 A61M-001/02 C12M-001/00 C12M-003/00 C12N-001/04 C12N-005/02 C12N-005/07 • US Patent Classification PCLO=435002000 PCLX=435307100 • CPC Code A01N-001/02/1 A01N-001/02/1; 	<ul style="list-style-type: none"> • Publication Information CA2892006 A1 2014-06-05 [CA2892006] • Priority Details 2012US-61731944 2012-11-30 2013US-14083581 2013-11-19 2013WO-US70677 2013-11-19
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EP2925123	A4	2016-06-08	[EP2925123]																																																			

• **Abstract:**

(EP2925123)

A method for preserving erythrocytes comprising the steps of obtaining an erythrocyte concentrate; subjecting the erythrocyte concentrate to a gas system that includes 65% to 100% by volume and optionally one or more ballast gases from 0% to 35% by volume; and, maintaining the erythrocyte concentrate that has been subjected to the gas system at a temperature that is above the freezing point of the erythrocyte concentrate and up to a temperature of about 30° C. (From US2014154666 A1)

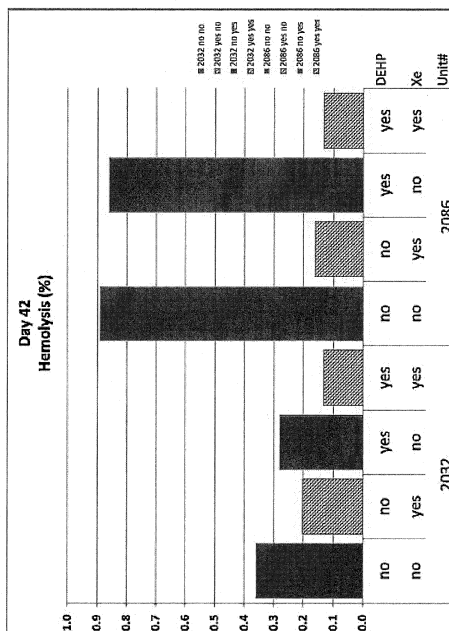


FIG. 1

System, method, and device for preserving blood or its components in gas medium under pressure

CA2835075

<ul style="list-style-type: none"> • Patent Assignee ADVANCED PRESERVATIONS TECHNOLOGIES RICH PRODUCTS • Inventor ILYIN ILYA KOGAN SEMYON GRIESHOBER WILLIAM E JR KACHKO IGOR VASILIEV VLADIMIR KOLCHANOV STANISLAV A PUNIN YURIY BAKHRAKH MARK SHUMEEV ALEXANDER N • International Patent Classification A01N-001/02 A61J-001/05 A61J-001/10 • US Patent Classification PCLO=435002000 PCLX=422044000 • CPC Code A01N-001/02/1; A01N-001/02/42; A01N-001/02/63; A01N-001/02/89; A61J-001/10; A61J-001/16 	<ul style="list-style-type: none"> • Publication Information CA2835075 A1 2012-12-27 [CA2835075] • Priority Details 2011US-61499834 2011-06-22 2012US-13529024 2012-06-21 2012WO-US43449 2012-06-21 																																
<ul style="list-style-type: none"> • Fampat family <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">CA2835075</td> <td style="width: 10%;">A1</td> <td style="width: 20%;">2012-12-27</td> <td style="width: 40%;">[CA2835075]</td> </tr> <tr> <td>WO2012177820</td> <td>A1</td> <td>2012-12-27</td> <td>[WO2012177820]</td> </tr> <tr> <td>TW201304764</td> <td>A</td> <td>2013-02-01</td> <td>[TW201304764]</td> </tr> <tr> <td>US2013157249</td> <td>A1</td> <td>2013-06-20</td> <td>[US20130157249]</td> </tr> <tr> <td>AR086708</td> <td>A1</td> <td>2014-01-15</td> <td>[AR--86708]</td> </tr> <tr> <td>EP2723297</td> <td>A1</td> <td>2014-04-30</td> <td>[EP2723297]</td> </tr> <tr> <td>EP2723297</td> <td>A4</td> <td>2015-03-04</td> <td>[EP2723297]</td> </tr> <tr> <td>RU2014101769</td> <td>A</td> <td>2015-07-27</td> <td>[RU2014101769]</td> </tr> </table>		CA2835075	A1	2012-12-27	[CA2835075]	WO2012177820	A1	2012-12-27	[WO2012177820]	TW201304764	A	2013-02-01	[TW201304764]	US2013157249	A1	2013-06-20	[US20130157249]	AR086708	A1	2014-01-15	[AR--86708]	EP2723297	A1	2014-04-30	[EP2723297]	EP2723297	A4	2015-03-04	[EP2723297]	RU2014101769	A	2015-07-27	[RU2014101769]
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- **Abstract:**

(EP2723297)

A system, method, and device for preserving blood and its components is described. The system and method generally include a device having a body defining a chamber, the chamber being configured to receive at least one bag containing blood or its components, the at least one bag being permeable to gas, for example, xenon. A cover is hermetically sealable to the body. An inlet is in fluid communication with the chamber. A pressure indicator is configured to indicate pressure in the chamber, the pressure indicator including a conduit containing a liquid. A portion of the conduit is transparent such that the liquid is visible. A source of pressurized gas, such as xenon, is provided to provide the pressurized gas to the chamber. (From US2013157249 A1)

