

# EXHIBIT 1



US010218606B2

(12) **United States Patent**  
Perreault et al.

(10) **Patent No.:** US 10,218,606 B2  
(45) **Date of Patent:** \*Feb. 26, 2019

(54) **PRODUCING ROUTING MESSAGES FOR VOICE OVER IP COMMUNICATIONS**

(56) **References Cited**

(71) Applicant: **VoIP-Pal.com, Inc.**, Bellevue, WA (US)

4,747,124 A 5/1988 Ladd  
4,916,491 A 4/1990 Katoh  
(Continued)

(72) Inventors: **Clay Perreault**, Panama (PA); **Steve Nicholson**, Hamilton (NZ); **Rod Thomson**, North Vancouver (CA); **Johan Emil Viktor Björnell**, Vancouver (CA); **Fuad Arafa**, Vancouver (CA)

FOREIGN PATENT DOCUMENTS

(73) Assignee: **VoIP-Pal.com, Inc.**, Bellevue, WA (US)

BR PI 0718312-7 A2 11/2013  
BR PI 0719682-2 A2 1/2014  
(Continued)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

OTHER PUBLICATIONS

This patent is subject to a terminal disclaimer.

Abrazhevich, Dennis. "Electronic Payment Systems: a User-Centered Perspective and Interaction Design." *Thesis under the auspices of the J.F. Schouten School for User-System Interaction Research*, Technische Universiteit Eindhoven, Netherlands, 2004, pages Cover page—p. 189.

(21) Appl. No.: **15/942,282**

(Continued)

(22) Filed: **Mar. 30, 2018**

(65) **Prior Publication Data**

US 2018/0227222 A1 Aug. 9, 2018

Primary Examiner — Kodzovi Acolatse

(74) Attorney, Agent, or Firm — Thorpe North & Western, LLP

**Related U.S. Application Data**

(63) Continuation of application No. 15/730,600, filed on Oct. 11, 2017, now Pat. No. 9,935,872, which is a (Continued)

(57) **ABSTRACT**

(51) **Int. Cl.**  
*H04L 12/725* (2013.01)  
*H04L 9/32* (2006.01)

(Continued)

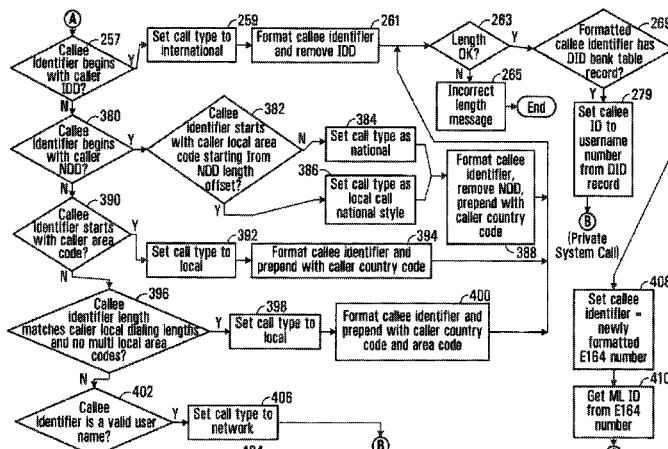
(52) **U.S. Cl.**  
CPC .... *H04L 45/3065* (2013.01); *A61K 39/39558* (2013.01); *A61K 45/06* (2013.01); (Continued)

A process and apparatus to facilitate communication between callers and callees in a system comprising a plurality of nodes with which callers and callees are associated is disclosed. In response to initiation of a call by a calling subscriber, a caller identifier and a callee identifier are received. Call classification criteria associated with the caller identifier are used to classify the call as a public network call or a private network call. A routing message identifying an address, on the private network, associated with the callee is produced when the call is classified as a private network call and a routing message identifying a gateway to the public network is produced when the call is classified as a public network call.

(58) **Field of Classification Search**

None  
See application file for complete search history.

**49 Claims, 32 Drawing Sheets**



**Related U.S. Application Data**

continuation of application No. 15/396,344, filed on Dec. 30, 2016, now Pat. No. 9,813,330, which is a continuation of application No. 14/877,570, filed on Oct. 7, 2015, now Pat. No. 9,537,762, which is a continuation of application No. 13/966,096, filed on Aug. 13, 2013, now Pat. No. 9,179,005, which is a continuation of application No. 12/513,147, filed as application No. PCT/CA2007/001956 on Nov. 1, 2007, now Pat. No. 8,542,815.

(60) Provisional application No. 60/856,212, filed on Nov. 2, 2006.

(51) **Int. Cl.**

- H04L 12/14* (2006.01)
- H04L 12/66* (2006.01)
- H04Q 3/66* (2006.01)
- H04Q 3/70* (2006.01)
- H04M 7/00* (2006.01)
- H04M 15/00* (2006.01)
- H04M 15/02* (2006.01)
- H04M 3/42* (2006.01)
- A61K 39/395* (2006.01)
- A61K 45/06* (2006.01)
- C07K 16/18* (2006.01)
- H04L 29/12* (2006.01)
- H04L 29/06* (2006.01)

(52) **U.S. Cl.**

CPC ..... *C07K 16/18* (2013.01); *H04L 9/3226* (2013.01); *H04L 12/14* (2013.01); *H04L 12/1439* (2013.01); *H04L 12/1496* (2013.01); *H04L 12/66* (2013.01); *H04L 61/2007* (2013.01); *H04L 65/1033* (2013.01); *H04L 65/1069* (2013.01); *H04M 3/4211* (2013.01); *H04M 7/006* (2013.01); *H04M 7/0075* (2013.01); *H04M 15/51* (2013.01); *H04M 15/56* (2013.01); *H04M 15/8083* (2013.01); *H04M 15/8228* (2013.01); *H04M 15/887* (2013.01); *H04M 15/888* (2013.01); *H04Q 3/66* (2013.01); *H04Q 3/70* (2013.01); *H04Q 2213/1322* (2013.01); *H04Q 2213/13091* (2013.01); *H04Q 2213/13141* (2013.01); *H04Q 2213/13196* (2013.01); *H04Q 2213/13384* (2013.01)

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 4,992,971 A 2/1991 Hayashi
- 5,146,491 A 9/1992 Silver et al.
- 5,247,571 A 9/1993 Kay et al.
- 5,303,297 A 4/1994 Hillis
- 5,325,421 A 6/1994 Hou et al.
- 5,359,642 A 10/1994 Castro
- 5,425,085 A 6/1995 Weinberger et al.
- 5,440,621 A 8/1995 Castro
- 5,454,030 A 9/1995 de Oliveira et al.
- 5,469,497 A 11/1995 Pierce et al.
- 5,506,893 A 4/1996 Buscher et al.
- 5,519,769 A 5/1996 Weinberger et al.
- 5,559,871 A 9/1996 Smith
- 5,561,707 A 10/1996 Katz
- 5,590,133 A 12/1996 Billstrom et al.
- 5,602,907 A 2/1997 Hata et al.
- 5,608,786 A 3/1997 Gordon

- 5,661,790 A 8/1997 Hsu
- 5,677,955 A 10/1997 Doggett et al.
- 5,712,907 A 1/1998 Wegner et al.
- 5,719,926 A 2/1998 Hill
- 5,722,067 A 2/1998 Fougnyes et al.
- 5,724,355 A 3/1998 Bruno et al.
- 5,726,984 A 3/1998 Kubler et al.
- 5,737,414 A 4/1998 Walker et al.
- 5,742,596 A 4/1998 Baratz et al.
- 5,751,961 A 5/1998 Smyk
- 5,768,521 A 6/1998 Dedrick
- 5,793,762 A 8/1998 Penners et al.
- 5,799,072 A 8/1998 Vulcan et al.
- 5,802,502 A 9/1998 Gell et al.
- 5,825,863 A 10/1998 Walker
- 5,828,740 A 10/1998 Khuc et al.
- 5,838,682 A 11/1998 Dekelbaum et al.
- 5,845,267 A 12/1998 Ronen
- 5,850,433 A 12/1998 Rondeau
- 5,864,610 A 1/1999 Ronen
- 5,867,495 A 2/1999 Elliott et al.
- 5,883,810 A 3/1999 Franklin et al.
- 5,883,891 A 3/1999 Williams et al.
- 5,889,774 A 3/1999 Mirashrafi et al.
- 5,905,736 A 5/1999 Ronen et al.
- 5,907,547 A 5/1999 Foadare et al.
- 5,910,946 A 6/1999 Csapo
- 5,915,005 A 6/1999 He
- 5,915,093 A 6/1999 Berlin et al.
- 5,917,899 A 6/1999 Moss et al.
- 5,923,659 A 7/1999 Curry et al.
- 5,930,343 A 7/1999 Vasquez
- 5,937,045 A 8/1999 Yaoya et al.
- 5,940,598 A 8/1999 Strauss et al.
- 5,953,504 A 9/1999 Sokal et al.
- 5,956,391 A 9/1999 Melen et al.
- 5,970,477 A 10/1999 Roden
- 5,974,043 A 10/1999 Solomon
- 5,991,291 A 11/1999 Asai et al.
- 5,991,378 A 11/1999 Apel
- 6,005,870 A 12/1999 Leung et al.
- 6,005,926 A 12/1999 Mashinsky
- 6,014,379 A 1/2000 White et al.
- 6,021,126 A 2/2000 White et al.
- 6,029,062 A 2/2000 Hanson
- 6,036,090 A 3/2000 Rahman et al.
- 6,052,445 A 4/2000 Bashoura et al.
- 6,058,300 A 5/2000 Hanson
- 6,069,890 A 5/2000 White et al.
- 6,073,013 A 6/2000 Agre et al.
- 6,078,647 A 6/2000 D'Eletto
- 6,104,704 A 8/2000 Buhler et al.
- 6,104,711 A 8/2000 Voit
- 6,115,737 A 9/2000 Ely et al.
- 6,128,304 A 10/2000 Gardell et al.
- 6,137,869 A 10/2000 Voit et al.
- 6,141,404 A 10/2000 Westerlage et al.
- 6,151,385 A 11/2000 Reich et al.
- 6,173,272 B1 1/2001 Thomas et al.
- 6,185,414 B1 2/2001 Brunner et al.
- 6,188,752 B1 2/2001 Lesley
- 6,192,123 B1 2/2001 Grunsted et al.
- 6,236,851 B1 5/2001 Fougnyes et al.
- 6,240,449 B1 5/2001 Nadeau
- 6,243,689 B1 6/2001 Norton
- 6,249,573 B1 6/2001 Hudson
- 6,282,574 B1 8/2001 Voit
- 6,292,547 B1 9/2001 Katz
- 6,298,062 B1 10/2001 Gardell et al.
- 6,298,250 B1 10/2001 Nilsson
- 6,310,859 B1 10/2001 Morita et al.
- 6,327,351 B1 12/2001 Walker et al.
- 6,351,464 B1 2/2002 Galvin et al.
- 6,359,880 B1 3/2002 Curry et al.
- 6,430,275 B1 8/2002 Voit et al.
- 6,434,143 B1 8/2002 Donovan
- 6,445,694 B1 9/2002 Swartz

(56)

## References Cited

## U.S. PATENT DOCUMENTS

6,560,224 B1	5/2003	Kung et al.	7,593,884 B2	9/2009	Rothman et al.
6,574,328 B1	6/2003	Wood et al.	7,599,944 B2	10/2009	Gaurav et al.
6,594,254 B1	7/2003	Kelly	7,639,792 B2	12/2009	Qiu et al.
6,597,686 B1	7/2003	Smyk	7,644,037 B1	1/2010	Ostrovsky
6,597,783 B1	7/2003	Tada et al.	7,647,500 B2	1/2010	Machiraju et al.
6,603,977 B1	8/2003	Walsh et al.	7,657,011 B1	2/2010	Zielinski et al.
6,636,833 B1	10/2003	Flitcroft et al.	7,664,495 B1	2/2010	Bonner et al.
6,650,641 B1	11/2003	Albert et al.	7,676,215 B2	3/2010	Chin et al.
6,674,745 B1	1/2004	Schuster et al.	7,676,431 B2	3/2010	O'Leary et al.
6,674,850 B2	1/2004	Vu et al.	7,680,114 B2	3/2010	Yazaki et al.
6,724,860 B2	4/2004	Stumer et al.	7,680,737 B2	3/2010	Smith et al.
6,744,858 B1	6/2004	Ryan et al.	7,702,308 B2	4/2010	Rollender
6,760,324 B1	7/2004	Scott et al.	7,715,413 B2	5/2010	Vaziri et al.
6,766,159 B2	7/2004	Lindholm	7,715,821 B2	5/2010	Rollender
6,772,188 B1	8/2004	Cloutier	7,734,544 B2	6/2010	Schleicher
6,772,210 B1	8/2004	Edholm	7,738,384 B2	6/2010	Pelletier
6,775,534 B2	8/2004	Lindgren et al.	7,764,777 B2	7/2010	Wood et al.
6,785,266 B2	8/2004	Swartz	7,764,944 B2	7/2010	Rollender
6,798,767 B1	9/2004	Alexander et al.	7,765,261 B2	7/2010	Kropivny
6,819,929 B2	11/2004	Antonucci et al.	7,765,266 B2	7/2010	Kropivny
6,873,599 B1	3/2005	Han	7,774,711 B2	8/2010	Valeski
6,892,184 B1	5/2005	Komen et al.	7,797,459 B1	9/2010	Roy et al.
6,934,279 B1	8/2005	Sollee et al.	7,882,011 B2	2/2011	Sandhu et al.
6,937,713 B1	8/2005	Kung et al.	7,894,441 B2	2/2011	Yazaki et al.
6,947,531 B1	9/2005	Lewis et al.	7,899,742 B2	3/2011	Berkert et al.
6,954,453 B1	10/2005	Schindler	7,907,551 B2	3/2011	Croy et al.
6,961,334 B1	11/2005	Kaczmarczyk	7,907,714 B2	3/2011	Baniak et al.
6,963,557 B2	11/2005	Knox	7,929,955 B1	4/2011	Bonner
6,963,739 B2	11/2005	Dorenbosch et al.	7,944,909 B2	5/2011	James
6,985,440 B1	1/2006	Albert et al.	7,950,046 B2	5/2011	Kropivny
6,993,015 B2	1/2006	Kobayashi	7,958,233 B2	6/2011	Gutierrez
7,006,508 B2	2/2006	Bondy et al.	7,965,645 B2	6/2011	Pelletier
7,010,727 B1	3/2006	Stucker	7,979,529 B2	7/2011	Kreusch et al.
7,027,564 B2	4/2006	James	7,995,589 B2	8/2011	Sollee et al.
7,042,985 B1	5/2006	Wright	8,024,785 B2	9/2011	Andress et al.
7,046,658 B1	5/2006	Kundaje	8,027,333 B2	9/2011	Grabelsky et al.
7,047,561 B1	5/2006	Lee	8,036,366 B2	10/2011	Chu
7,051,072 B2	5/2006	Stewart et al.	8,041,022 B1	10/2011	Andreassen et al.
7,055,174 B1	5/2006	Cope et al.	8,050,273 B2	11/2011	Gass
7,068,668 B2	6/2006	Feuer	8,060,887 B2	11/2011	Kropivny
7,068,772 B1	6/2006	Widger et al.	8,078,164 B2	12/2011	Ganesan
7,079,526 B1	7/2006	Wipliez et al.	8,111,690 B2	2/2012	Hussain et al.
7,120,682 B1	10/2006	Salama	8,116,307 B1	2/2012	Thesayi et al.
7,151,772 B1	12/2006	Kalmanek, Jr. et al.	8,125,982 B2	2/2012	Feuer
7,174,156 B1	2/2007	Mangal	8,127,005 B2	2/2012	Gutierrez
7,177,399 B2	2/2007	Dawson et al.	8,145,182 B2	3/2012	Rudolf et al.
7,203,478 B2	4/2007	Benco et al.	8,161,078 B2	4/2012	Gaurav et al.
7,212,522 B1	5/2007	Shankar et al.	8,166,533 B2	4/2012	Yuan
7,218,722 B1	5/2007	Turner et al.	8,166,547 B2	4/2012	Bevan et al.
7,277,528 B2	10/2007	Rao et al.	8,189,568 B2	5/2012	Qiu et al.
7,330,835 B2	2/2008	Deggendorf	8,190,739 B2	5/2012	Gutierrez
7,346,156 B1	3/2008	Choupak et al.	8,200,575 B2	6/2012	Torres et al.
7,366,157 B1	4/2008	Valentine et al.	8,204,044 B2	6/2012	Lebizay
7,400,881 B2	7/2008	Kallio	8,219,115 B1	7/2012	Nelissen
7,426,492 B1	9/2008	Bishop et al.	8,223,927 B2	7/2012	Di Serio et al.
7,436,835 B2	10/2008	Castleberry et al.	8,228,837 B2	7/2012	Sheriff et al.
7,437,665 B2	10/2008	Perham	8,228,897 B2	7/2012	Mitchell
7,440,441 B2	10/2008	Lakhani et al.	8,243,730 B1	8/2012	Wong et al.
7,440,442 B2	10/2008	Grabelsky et al.	8,244,204 B1	8/2012	Chen et al.
7,447,707 B2	11/2008	Gaurav et al.	8,275,404 B2	9/2012	Berger et al.
7,454,200 B2	11/2008	Cai et al.	8,300,632 B2	10/2012	Davis et al.
7,454,510 B2	11/2008	Kleyman et al.	8,306,021 B2	11/2012	Lawson et al.
7,457,865 B2	11/2008	Ramakrishnan et al.	8,306,063 B2	11/2012	Erdal et al.
7,477,843 B1*	1/2009	Peeters ..... H04Q 11/0062 398/49	8,315,521 B2	11/2012	Leiden et al.
7,486,664 B2	2/2009	Swartz	8,363,647 B2	1/2013	Fangman et al.
7,486,667 B2	2/2009	Feuer	8,364,172 B2	1/2013	Guanfeng et al.
7,486,684 B2	2/2009	Chu et al.	8,396,445 B2	3/2013	Crawford et al.
7,512,117 B2	3/2009	Swartz	8,410,907 B2	4/2013	Twitchell, Jr.
7,545,761 B1	6/2009	Kalbag	8,417,791 B1	4/2013	Peretz et al.
7,565,131 B2	7/2009	Rollender	8,422,507 B2	4/2013	Björnsell et al.
7,573,982 B2	8/2009	Breen et al.	8,423,791 B1	4/2013	Yu et al.
7,580,886 B1	8/2009	Schulz	8,427,981 B2	4/2013	Wyss et al.
			8,437,340 B2	5/2013	James
			8,462,915 B2	6/2013	Breen et al.
			8,468,196 B1	6/2013	Roskind et al.
			8,493,931 B1	7/2013	Nix
			8,509,225 B2	8/2013	Grabelsky et al.

(56)	References Cited				
	U.S. PATENT DOCUMENTS				
		2002/0122391	A1	9/2002	Shalit
		2002/0122547	A1	9/2002	Hinchev et al.
		2002/0141352	A1	10/2002	Fangman et al.
		2002/0150080	A1*	10/2002	Bhattacharya .... H04L 29/06027 370/351
8,537,805	B2 9/2013 Björnsell et al.	2003/0008635	A1	1/2003	Ung et al.
8,542,815	B2 9/2013 Perreault et al.	2003/0012196	A1	1/2003	Ramakrishnan
8,543,477	B2 9/2013 Love et al.	2003/0043974	A1	3/2003	Emerson, III
8,594,298	B2 11/2013 Klein et al.	2003/0095539	A1	5/2003	Feuer
8,599,747	B1 12/2013 Saleem et al.	2003/0114145	A1	6/2003	Boda et al.
8,599,837	B2 12/2013 Kyle	2003/0121967	A1	7/2003	Goldberg et al.
8,605,714	B2 12/2013 Lebizay	2003/0179747	A1	9/2003	Pyke et al.
8,605,869	B1 12/2013 Mobarak et al.	2003/0200311	A1	10/2003	Baum
8,607,323	B2 12/2013 Yuan	2003/0211840	A1	11/2003	Castrogiovanni et al.
8,611,354	B2 12/2013 Keränen et al.	2003/0219103	A1	11/2003	Rao et al.
8,625,578	B2 1/2014 Roy et al.	2004/0009761	A1	1/2004	Money et al.
8,627,211	B2 1/2014 Kropivny	2004/0019539	A1	1/2004	Raman et al.
8,630,234	B2 1/2014 Björnsell et al.	2004/0022237	A1	2/2004	Elliot et al.
8,634,838	B2 1/2014 Hellwig et al.	2004/0034793	A1	2/2004	Yuan
8,675,566	B2 3/2014 Huttunen et al.	2004/0157629	A1	8/2004	Kallio et al.
8,682,919	B1 3/2014 Gollhofer	2004/0165709	A1	8/2004	Pence et al.
8,702,505	B2 4/2014 Kropivny	2004/0181599	A1	9/2004	Kreusch et al.
8,713,098	B1 4/2014 Adya et al.	2004/0202160	A1*	10/2004	Westphal ..... H04L 12/4633 370/389
8,724,643	B2 5/2014 Feuer				
8,738,051	B2 5/2014 Nowack et al.	2004/0202295	A1	10/2004	Shen et al.
8,749,610	B1 6/2014 Gossweiler et al.	2004/0203565	A1	10/2004	Chin et al.
8,750,290	B2 6/2014 Vance et al.	2004/0203582	A1	10/2004	Dorenbosch et al.
8,755,376	B2 6/2014 Lawson et al.	2004/0218748	A1	11/2004	Fisher
8,763,081	B2 6/2014 Bogdanovic et al.	2004/0240439	A1	12/2004	Castleberry et al.
8,767,717	B2 7/2014 Siegel et al.	2004/0255126	A1	12/2004	Reith
8,768,951	B2 7/2014 Crago	2005/0007999	A1	1/2005	Becker et al.
8,774,171	B2 7/2014 Mitchell	2005/0021939	A1	1/2005	Le et al.
8,774,378	B2 7/2014 Björnsell et al.	2005/0025043	A1	2/2005	Mussman et al.
8,774,721	B2 7/2014 Hertel et al.	2005/0063519	A1	3/2005	James
8,780,703	B1 7/2014 Eidelson et al.	2005/0069097	A1	3/2005	Hanson et al.
8,792,374	B1 7/2014 Jain et al.	2005/0083911	A1	4/2005	Grabelsky et al.
8,792,905	B1 7/2014 Li et al.	2005/0094651	A1	5/2005	Lutz et al.
8,804,705	B2 8/2014 Fangman et al.	2005/0131813	A1	6/2005	Gallagher et al.
8,805,345	B2 8/2014 Ling et al.	2005/0169248	A1	8/2005	Truesdale et al.
8,810,392	B1 8/2014 Teller et al.	2005/0171898	A1	8/2005	Bishop et al.
8,819,566	B2 8/2014 Mehini et al.	2005/0174937	A1	8/2005	Scoggins et al.
8,837,360	B1 9/2014 Mishra et al.	2005/0177843	A1	8/2005	Williams
8,837,465	B2 9/2014 Lawson et al.	2005/0188081	A1	8/2005	Gibson et al.
8,838,539	B1 9/2014 Ashcraft et al.	2005/0190892	A1	9/2005	Dawson et al.
8,848,887	B2 9/2014 Willman et al.	2005/0192897	A1	9/2005	Rogers et al.
8,862,701	B2 10/2014 Havriluk	2005/0192901	A1	9/2005	McCoy et al.
8,885,609	B2 11/2014 Nix	2005/0198499	A1	9/2005	Salapaka et al.
8,903,051	B2 12/2014 Li et al.	2005/0202799	A1	9/2005	Rollender
8,903,360	B2 12/2014 Celi, Jr. et al.	2005/0222952	A1	10/2005	Garrett et al.
8,909,556	B2 12/2014 Huxham	2005/0267842	A1	12/2005	Weichert et al.
8,938,209	B2 1/2015 Crawford et al.	2005/0287979	A1	12/2005	Rollender
8,938,534	B2 1/2015 Le et al.	2006/0006224	A1	1/2006	Modi
8,948,061	B2 2/2015 Sridhar	2006/0007940	A1	1/2006	Sollee et al.
8,972,612	B2 3/2015 Le et al.	2006/0013266	A1	1/2006	Vega-Garcia et al.
8,982,719	B2 3/2015 Seetharaman et al.	2006/0025122	A1	2/2006	Harris et al.
8,995,428	B2 3/2015 Haster	2006/0030290	A1	2/2006	Rudolf et al.
9,003,306	B2 4/2015 Mehini et al.	2006/0036522	A1	2/2006	Perham
9,137,385	B2 9/2015 Björnsell et al.	2006/0072547	A1	4/2006	Florkey et al.
9,143,608	B2 9/2015 Björnsell et al.	2006/0072550	A1	4/2006	Davis et al.
9,154,417	B2 10/2015 Huttunen et al.	2006/0078094	A1	4/2006	Breen et al.
9,179,005	B2 11/2015 Perreault et al.	2006/0093135	A1	5/2006	Fiatal et al.
9,432,830	B2 8/2016 Lahtiranta et al.	2006/0095320	A1	5/2006	Jones
9,432,830	B2 8/2016 Lahtiranta et al.	2006/0109960	A1	5/2006	D'Evelyn et al.
9,537,762	B2 1/2017 Perrault et al.	2006/0111116	A1	5/2006	Palmer et al.
9,549,071	B2 1/2017 Björnsell et al.	2006/0116892	A1	6/2006	Grimes et al.
9,565,307	B2 2/2017 Björnsell et al.	2006/0142011	A1	6/2006	Kallio
9,813,330	B2 11/2017 Perreault et al.	2006/0146797	A1	7/2006	Lebizay
9,826,002	B2 11/2017 Perreault et al.	2006/0153342	A1	7/2006	Sasaki
9,935,872	B2 4/2018 Perreault et al.	2006/0160565	A1	7/2006	Singh et al.
9,948,549	B2 4/2018 Perreault et al.	2006/0177035	A1	8/2006	Cope et al.
9,998,363	B2 6/2018 Björnsell et al.	2006/0189303	A1	8/2006	Rollender
10,021,729	B2 7/2018 Huttunen et al.	2006/0195398	A1	8/2006	Dheer et al.
10,038,779	B2 7/2018 Björnsell et al.	2006/0195584	A1*	8/2006	Baumann ..... H04M 3/54 709/227
2001/0027478	A1 10/2001 Meier et al.				
2001/0052081	A1 12/2001 McKibben et al.				
2002/0002041	A1 1/2002 Lindgren et al.				
2002/0018445	A1 2/2002 Kobayashi	2006/0205383	A1	9/2006	Rollender et al.
2002/0051518	A1 5/2002 Bondy et al.	2006/0209768	A1	9/2006	Yan et al.
2002/0057764	A1 5/2002 Salvucci et al.	2006/0233317	A1	10/2006	Coster et al.

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.