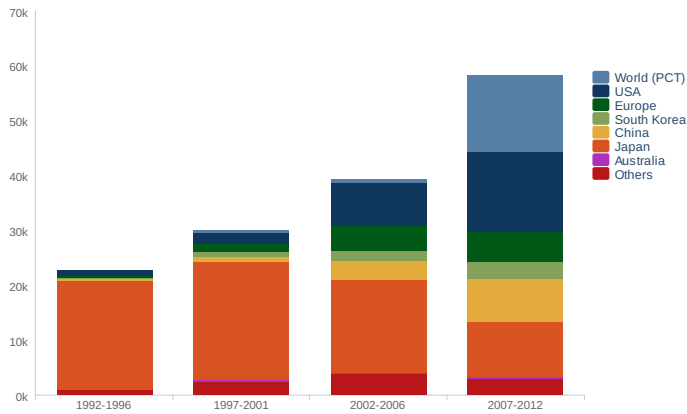
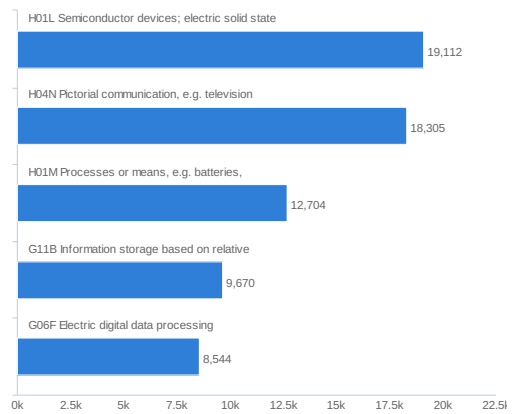


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Region of Applications for Patents



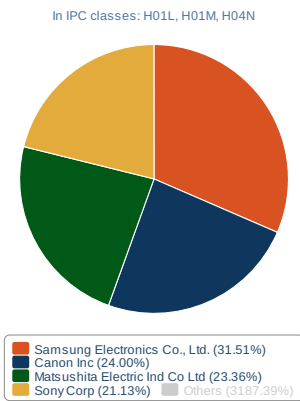
Technology Areas (Top 5)



Details

150688 Total applications published	15883 Total US patents issued 62% issue rate	3863 Total EP patents issued 32% issue rate	Jul 25, 2013 Most recent publication
62208 published in the last three years	9965 issued in the US in the last 3 years	2443 issued in the EP in the last 3 years	
Jan 07, 1992 earliest filing	16351 published in the US in the last 3 years	8317 published in the EP in the last 3 years	
219047 total forward citations	279 expired/abandoned US patent	113 expired/abandoned EP patent	

Competition Landscape



Top Patents (by Forward Citations)

#PATENT	TITLE	FILING DATE	ISSUE DATE	CITED #
JP2003197180	Nonaqueous electrolyte battery	Dec 27, 2001	Jul 11, 2003	31
EP1237324	Memory card and data distribution system using it	Dec 01, 2000	Sep 04, 2002	30
JP2003197180	Nonaqueous electrolyte battery	Dec 27, 2001	Jul 11, 2003	30
US6999948	Memory card	Feb 08, 2002	Feb 14, 2006	30
US5666179	Liquid crystal display device having opening formed in electrode	Sep 12, 1996	Sep 09, 1997	29
US5608556	Liquid crystal display having orientation control electrodes for controlling liquid crystal orientation	Jun 21, 1994	Mar 04, 1997	29
JPH07230097	Liquid crystal display device	Feb 18, 1994	Aug 29, 1995	29
US5666179	Liquid crystal display device having opening formed in electrode	Sep 12, 1996	Sep 09, 1997	29
US7402360	Non-aqueous electrolyte battery	Mar 26, 2004	Jul 22, 2008	29
US7944015	Semiconductor device and method of manufacturing the same	Jul 22, 2008	May 17, 2011	29

Top Inventors (Top 8)

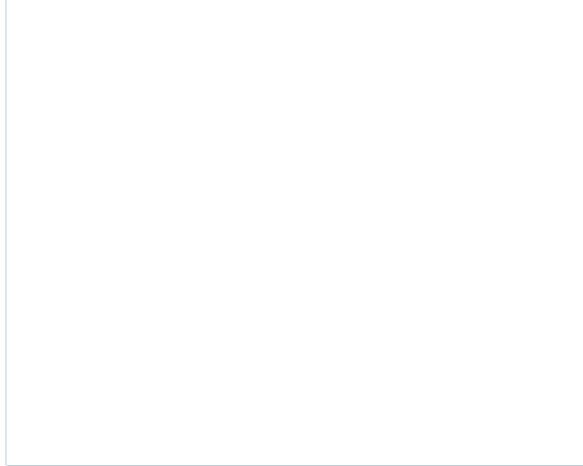
NAME	COUNTRY	PATENT #
Irisawa, Gentarou	JP	644
Kadono, Shinya	JP	108
Nishio, Akihiko C/o Matsushita Electric Industrial Co., Ltd.	JP	101
Okada, Tomoyuki Matsushita Electric Industrial Co., Ltd	JP	93
Imamura, Daichi Matsushita Electric Industrial Co. Ltd	JP	87
Deguchi, Masaki	JP	80
Nakao, Seigo	JP	74
Yahata, Hiroshi Matsushita Electric Industrial Co., Ltd	JP	72

Recent Publication (Top 8)

# PUBLICATION	TITLE	FILING DATE	PUB DATE	IPC
DE112011103463	BandzuführungsVorrichtung und verfahren zum befestigen des bandes an der bandzuführungsVorrichtung	Aug 22, 2011	Jul 25, 2013	H05K
WO2013107025	Method of scrambling reference signals, device and user equipment using the method	Jan 19, 2012	Jul 25, 2013	H04J
WO2013108285	Image recording device, three-dimensional image reproduction device, image recording method, and three-dimensional image reproduction method	Jan 16, 2012	Jul 25, 2013	G06T
WO2013108295	Video signal processing device and video signal processing method	Jan 20, 2012	Jul 25, 2013	H04N
WO2013108298	Device for controlling stereoscopic image display, method for controlling stereoscopic image display, and program	May 21, 2012	Jul 25, 2013	H04N
WO2013108299	Learning method for neural network circuit	May 29, 2012	Jul 25, 2013	G06G
WO2013108300	Thin film transistor	Jun 19, 2012	Jul 25, 2013	H01L
WO2013108301	Thin film transistor	Jun 19, 2012	Jul 25, 2013	H01L

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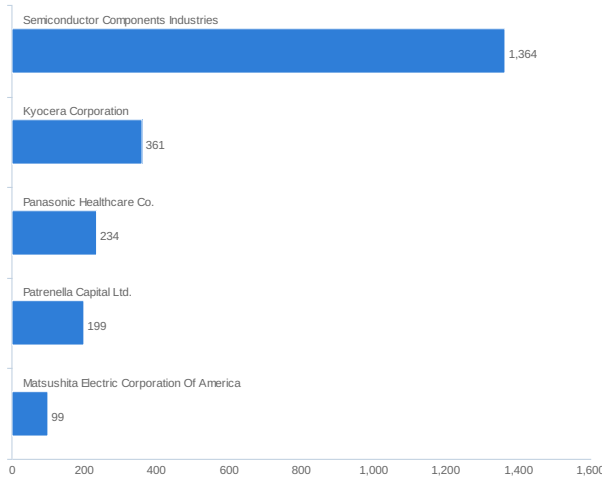
Oppositions Received



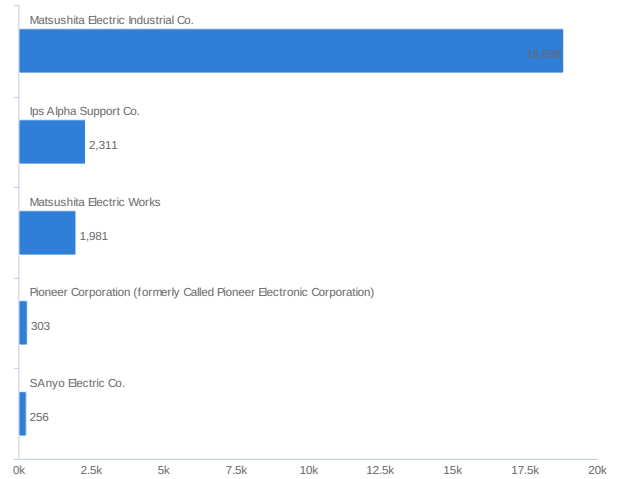
Oppositions Sent



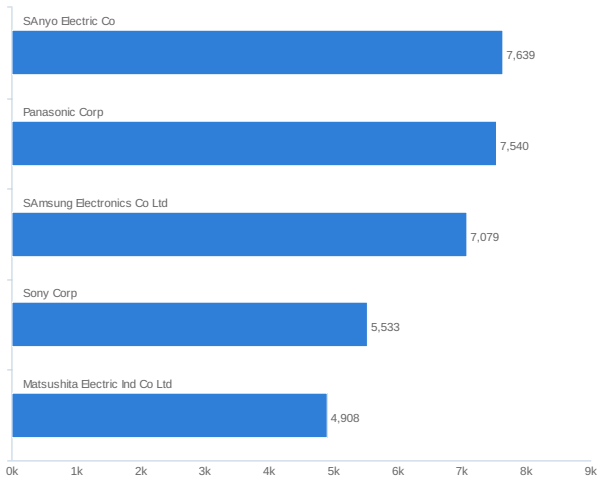
Patent (Applications) Acquired



Patent (Applications) Transferred



Forward Citation



Backward Citation

