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- Title, Abstract, Key Conten: COLLAPS+ OR EXPAND+ OR WRAP+ OR FOLD+ E.g.:Telecom+ OR phone
- Title, Abstract, Key Conten: COMPUTER? OR LAP_TOP? OR NOTE_PAD? OR PDA OR PERSON+ DIGIT+ ASSIST+
- Title, Abstract, Key Conten: KEY_BOARD? OR KEY_PAD?
- Title, Abstract, Key Conten:

Classifications

- and IPC E.g.:G10L-015

Others

- Assignee: COMPAQ OR HP OR (HEWLET? S PACKARD) Corporate E.g.:Siemens Nixdorf
- Inventor: E.g.:Fleming Alexander, Moyer Andrew
- Publ. number: E.g.:EP0980063
- Date: No Restriction
- Publication country: E.g.:US, EP

Restriction

- Limit to recent publication: No restriction

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(((COLLAPS+ OR EXPAND+ OR WRAP+ OR FOLD+) AND (COMPUTER? OR LAP_TOP? OR NOTE_PAD? OR PDA OR PERSON+ DIGIT+ ASSIST+) AND (KEY_BOARD? OR KEY_PAD?)) AND ((COMPAQ OR HP OR (HEWLET? S PACKARD))) / PA)

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- Patentpeople (0)

Collapsible portable display

Abstract
(US20060234784)
A **collapsible** portable video display is provided, which incorporates a mini-projector, a folding mirror, and a rear projection foldable screen. In one type of implementation the display is incorporated into a mobile consumer appliance, such as a cellphone, mobile DVD player, etc. In other type of implementation the display device is a stand-alone device having inputs for video and audio signals.

Inventor(s) REINHORN SILVIU
Assignee REINHORN SILVIU
Patent Assignee (Original) REINHORN, Silviu; / Tavor Street #7, 90865 Mevaseret-Zion (IL)

Published As

	Publ. number	Pub. date	Appl. number	Appl. date	Publ. S	Links
	PCT WO2006067640	20060629	2005WO-IB04145	20051221	A2 - In	
	US2006234784	20061019	2005US-0166965	20050627	A1 - Fi	
	US2006232578	20061019	2005US-0166964	20050627	A1 - Fi	
	PCT WO2006067640	20090409			A3 - Lt	

Priority Details
2004US-P637468 20041221
2005US-0166964 20050627
2005US-0166965 20050627

US Class Code
ORIGINAL (O) : 455575100;CROSS-REFERENCE (X) : 348E05143

Intl. classification
G03B-021/14
G09G-003/00
G09G-005/00
H04M-001/00
H05K-007/00

ICO Classification
T04M-001.02A2B4

IPC Advanced All
H04M-001/00 [2006-01 A F I B H US]

IPC Core All
H04M-001/00 [2006 C F I B H US]

ECLA Classification (EPO)
G09G-003/00

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1 / 1 - Patent Family

EP0459427
JP4227518
EP0459427
JP2002182782
JP3389576

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Portable computer with peripheral units for extended functionality.

Abstract
(EP-459427)
A portable computer unit (105) on which a peripheral unit (100) and a base unit (102) are connected to the keyboard when the computer is in a portable state.

Inventor(s)

Assignee

Patent Assignee

Published As

Publ. no.	Year	Patent No.	Inventor	Assignee
FR1236148 A	1960	FR1236148 A	SAINT GOBAIN	
DE1090297 B	1967	DE1090297 B	MEYER & SCHWABEDISEN	
US2031401 A	1967	US2031401 A	CHANGWOOD CORP	
GB10872 A	1967	GB10872 A	THOMAS ROBINSON & SON LTD	
FR1548726 A	1969	FR1548726 A		
CH449952 A	1969	CH449952 A	IRION WILHELM	
FR1674667 A	1969	FR1674667 A		
FR2023830 A5	1970	FR2023830 A5	BENUZZI GINO	
FR182801 A1	1973	FR182801 A1	IBEN IMPIANTI SPA	
FR2336217 A1	1977	FR2336217 A1	IBEN IMPIANTI SPA	
W08200433 A1	1982	W08200433 A1	DUALGLASS LTD	

Priority Detail
1990.JP-014304
1991.JP-012785
2001.JP-030500

Intl. classifica
G06F-001/16
G06F-001/18
G06F-015/02

IPC Advanced
G06F-001/16

IPC Core All
G06F-001/16

ECLA Classification (EPO)
G06F-001/16P6

FI-Terms
G06F1/00 312K; G06F1/00 312W; G06F1/00 320J; G06F15/02 335E
G06F1/00 312K;

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The graph displays patent family members across years (2002, 2003, 2004, 2007, 2008, 2009) and countries (US, WO, EP, Other). Key nodes include:

- Priority 2002US-P409102 (20020909)
- Priority 2003US-0665345 (20030904)
- Priority 2003WO-US28345 (20030909)
- Priority 2005GB-0006979 (20030909)
- Priority 2003US-0655345 (20030904)
- Priority 2004WO-US07263 (20040308)
- US2004175407 A1 MCDANIEL C
MCDANIEL STEV...
- Priority 2004US-0792516 (20040303)
- US2004109853 A1 MCDANIEL C
MCDANIEL STEV...
- Priority 2007US-P976676 (20071001)
- Priority 2008US-0243755 (20081001)
- US2009238811 A1 CARVAJAL JUAN CARLO
MCDANIEL ...

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88 results for ((collapsible) AND (computer) AND (ke

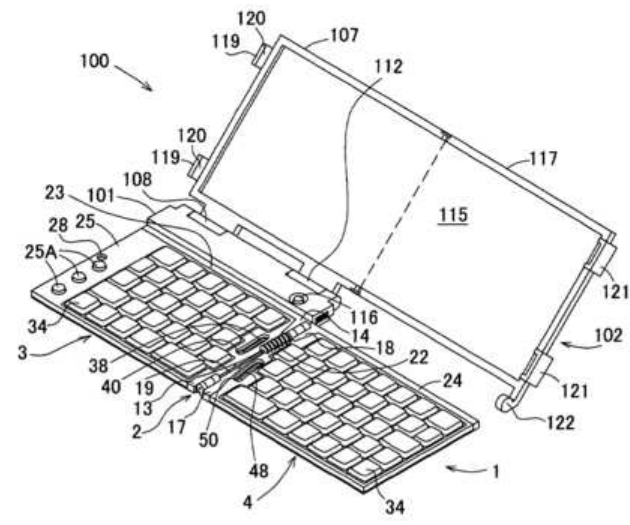
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#	Title	Publ. number	Pr. Date
12.	Collapsible computer workstation	US6913332	2003-01-09
13.	Computer system with collapsible keyboard and alternate display functions and processing method thereof	US2004093449	2002-11-12
14.	Foldable display, input device provided with the display and foldable keyboard, and personal computer provided with the input device	US2004052044	2002-09-17
15.	Laptop computer support board with lamp	US6672557	2002-09-09
16.	Illuminated portable shield for portable computers	US2003231399	2002-06-18
17.	Computer desk	US6663203	2002-05-31
18.	Compact keyboard with sliding motion key actuation	US2004013457	2002-04-15
19.	Wireless keyboard for hand-held computers	WO03060681	2002-01-04
20.	Mechanism for unfolding and folding of folding keyboards of portable computers and similar devices	KORSAKOV GRIGORIJ WO2004006077	2001-12-11
21.	Sensing of pancreatic electrical activity	IMPULSE DYNAMICS NV; METACURE N V EP1455892	2001-11-29
22.	Portable document holder	US2003001064	2001-06-28
23.	Collapsible data entry panel	BORUCKI GREGORY C; CECCHI MARINO; WO2004051618	2001-05-11
24.	Stroller with programmable information module	GERICO CHILDREN PRODUCTS CORP; OF US2003132612	2001-05-09
25.	Height-adjusting collapsible mechanism for a button key	DARFON ELECTRONICS CORP US2002148711	2001-04-11
26.	Customized hair colorant formulating and dispensing apparatus and method	PROCTER & GAMBLE WO02083282	2001-04-10
27.	Portable computer stand for a laptop computer	US2002100398	2001-01-31
28.	Ergonomic furniture	FARIA SABRINA A GB2369565	2000-12-04
29.	Collapsible computer mouse pad	US2002117588	2000-10-04
30.	Folding keyboard for a personal digital assistant	KATZ MICHAEL; POCKETOP COMPUTERS EP1305699	2000-07-19
31.	Folding keyboard for a personal digital assistant	POCKETOP COMPUTERS CORP US2005025551	2000-07-19
32.	Keyboard support apparatus	US6543949	2000-03-23
33.	Inflatable structure for supporting an article of manufacture	PEARL TECHNOLOGY HOLDINGS LLC WO2001165167	2000-03-02

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Preview

Foldable display, input device provided with the display and foldable keyboard, and personal computer provided with the input device



Abstract

(US20040052044)
 A joint (129) includes semicircular plates (131) each integrally formed with a link part (132) having a screw hole (133).
 The joint (129) couples cover members (107, 117) of a flexible display (102) by means of screws (134) passing through the screw holes (133) and grooves (125, 128) of the cover members (107, 117).
 The link parts (132) of the semicircular plates (131) are caused to operate in sync with each other to stably perform an opening and closing operation of the cover members (107, 117).

Inventor(s)

MOCHIZUKI ISAO
 TAKAGI TAKEYUKI

Assignee

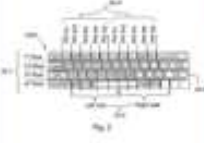



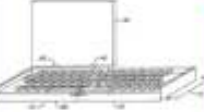











BROTHER IND LTD

Patent Assignee (Original)

Brother Kogyo Kabushiki Kaisha, Nagoya [JP]

Published As

Publ. number	Pub. date	Publ. Stage	Links

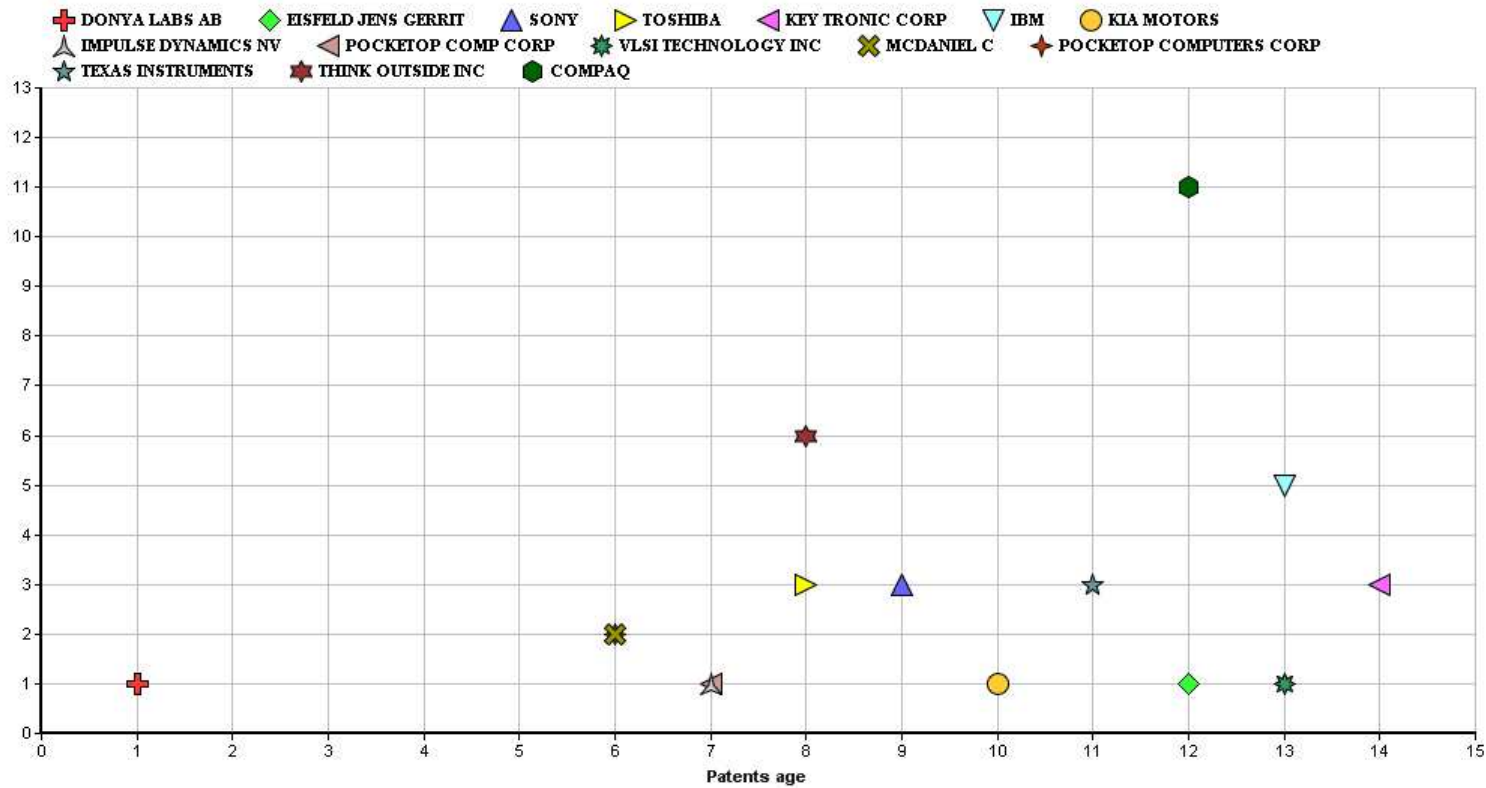
	A	B	C	D	E	F	G	H	I
1	IMAGE 	20090840026494	A1	20090319	WO200936293	  	HIGHLY COMPACT KEYBOARDS	(WO200936293) A method for constructing a set of rules of operation for a first keyboard having a small number of keys is based upon the physical and operational characteristics of a second keyboard having a much greater number of keys. The second keyboard is a familiar keyboard such as a QWERTY keyboard or a phone keypad , and the rules of operation for the first keyboard reflect	
2		20089360017364	A1	20081106	US20080273012	  	Multifunctional portable computing device with special housing	(US20080273012) A portable computing device includes pivoting and hinging mechanisms which enable its housing to reconfigure to function in multiple modes: in one configuration the device functions as a laptop computer with keyboard input. In another configuration the device folds into a compact, hand-held, non-based computer . In another	(US20080273012) Cont. of. US 10784467 - 20040223 [2004] Cont. of. US 7193614 - 0 [US7193614]
3		20082100016412	A1	20080724	US20080174458	  	Notebook Computer Having Keyboard Decoding in Palmrest	(US20080174458) A portable information handling system, user interface components thereof, and methods of user control interface and assembly are disclosed. In one embodiment a keyboard assembly, including a large plurality of contacts for a keyboard matrix, connects directly to a palmrest assembly. The palmrest assembly includes a	
4		20081750016693	D0 A1 A1 A A1 A	20080521 20081016 20081016 20081022 20081023 20081106	GB200806937 US20080253822 CA2628885 GB2448596 DE102008018975 JP2008269599	  	FOLDING KEYBOARD WITH NUMERIC KEYPAD	(US20080253822) A folding keyboard is set forth with a numeric keypad , and one fold line located between the edge of a standard continuous space bar and the edge of the numeric keypad . Preferably, the keyboard further includes left and right top cases,	(US20080253822) Provisional: US 60912024 - 20070416 [20

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((COLLAPS+) AND (COMPUTER?) AND (KEYBOARD?))

Assignee:Patents age:Patents count



Statistics:

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Citations map

Category: All

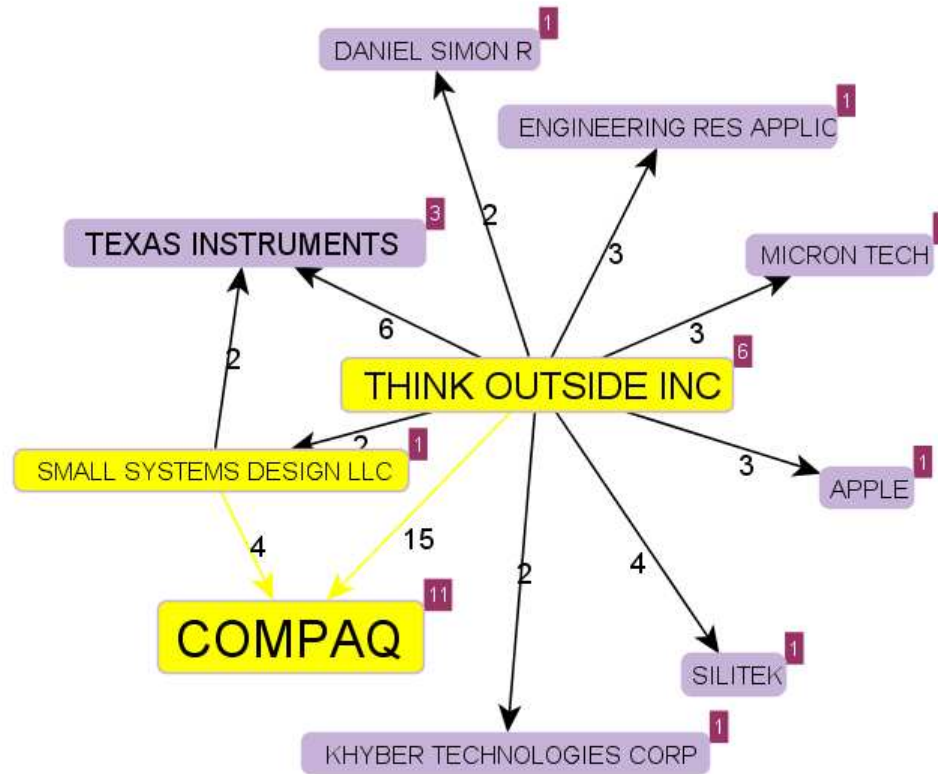
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Duration 21 years End date 2005 Update Reset

Min citing 9 Min cited 1

- GEN INSTRUMENT
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- SMK KK
- HEWLETT PACKAR
- HON HAI PREC
- KHYBER TECHNOL
- SMALL SYSTEMS
- SHINKI KAGI KOFU
- THINK OUTSIDE S.
- SILITEK
- POCKETOP COMP
- THINK OUTSIDE IN
- THINK OUTSIDE
- POCKETOP COMP
- PANG LEOW HIEV
- PANKHURST P
- NPM INT
- KEY INNOVATIONS
- KEYMAT TECHNOL
- HAYES PANKHUR
- ENGINEERING RES
- DANIEL SIMON R
- BEHAVIOR TECH C
- HOSIDEN
- MICRON TECH
- WALMSLEY SIMO
- KING TOBIN ALLEN
- KIA MOTORS
- SILVERBROOK



Statistics:

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((COLLAPS+) AND (COMPUTER?) AND (KEYBOARD?))

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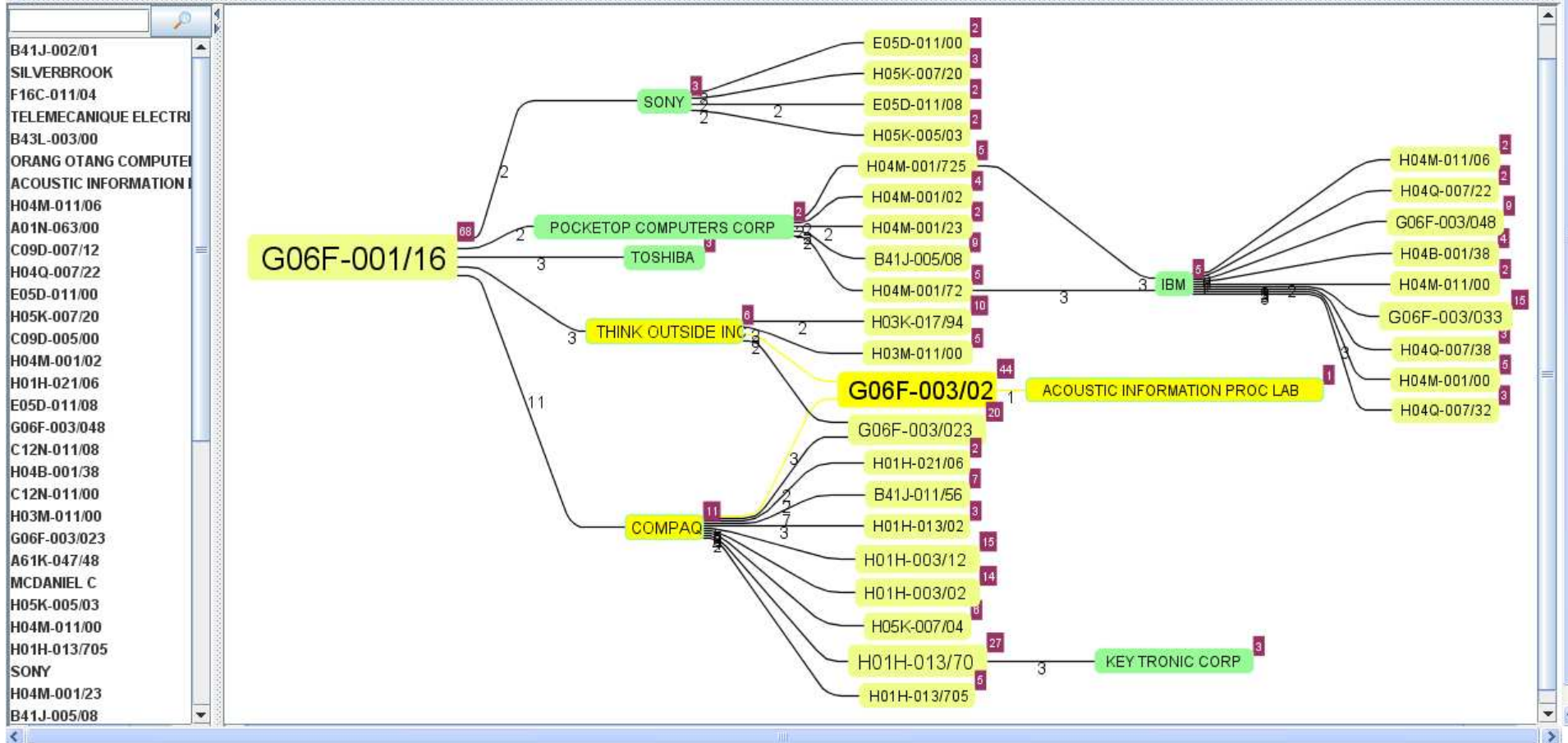
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Cocurrences 1 Min

Occurrences 1 Min

Duration 15 years

End date 2005



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- **Locarno classification**
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66 results for (SHIP BOAT)/TI

Select all records

Registration Number Publication Date

001528860-0002



001136782-0001



001072623-0002



300824596



000904685-0002

001528860-0003



001091508-0001



001034649-0001



300787536



000904685-0003

001528860-0004



001072623-0001



300837019



000904685-0001



000904685-0004

Throttle lever for **boats** and **ships**

Registration Number 000904685-0001

Register EU

Reg. Owner MTU Friedrichshafen GmbH, Maybachplatz 1, D-88045 Friedrichshafen, ALEMANNIA

Application Date 2008-03-18

Publication Date 2008-05-13

Locarno 12-16



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guillaume@questel.fr		A430219	2006-04-06
koichi@patolis-e.com		A430219	2006-02-08
me@qo.fr		A430219	2006-02-23
mread@ulg.be		A430219	2007-10-05
nikolai@peterlink.ru		A430219	2007-04-03
pascal.thery@tele2.fr		A430219	2006-05-11
renaud@qo.com		A430219	2006-03-05
renaud@questel.com		A430219	2009-11-12
renaud@questel.fr		A430219	2005-11-30
reno@questel.fr		A430219	2006-02-23
rgarat@questel.com		A430219	2009-10-19

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- INSPEC (1)
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- KEYBOARDS (1)
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 - POLYMERIZED
- RACING CARS (1)
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NUMBER OF CITATIONS:

Prénom:

from: to:

Internal classification

Keywords

Comments

Dates

Names

Numbers

Classification

and IPC

Ex.: G10L-015

Others

Assignee: E.g.: Siemens

Inventor: E.g.: Fleming Alexander, Moyer Andrew

Publication number: E.g.: EP0980063

Publication country: E.g.: US, EP

Metadata

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- JP4227518
- EP0459427
- JP2002182782
- JP3389576

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Portable computer with peripheral units for extended functionality.

Abstract
(EP-459427)
A portable computer with peripheral units for extended functionality. The main body of the computer is connected to a peripheral unit (100) and a base unit (101) via a keyboard when the computer is in a portable state.

Inventor(s)
D1 / Maekawa, Akira
Mikasa-Ryo, 492, Minosho-cho
Yamato-Koriyama-shi, Nara-ken / JP

Assignee
Sharp Kabushiki Kaisha
22-22 Nagaike-cho, Abeno-ku Osaka-shi,
Osaka-fu 545-0013 / JP

Patent As

Published

Priority D
1990JP-01
1991JP-01
2001JP-03

Intl. class
G06F-001
G06F-001
G06F-015

IPC Advan
G06F-001

IPC Core All
G06F-001/16 [2006 C - I R M EP]

ECLA Classification (EPO)
G06F-001/16P6

FI-Terms
G06F1/00 312K; G06F1/00 312W; G06F1/00 320J; G06F15/02 335E
G06F1/00 312K;

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- JP3389576

Find similar patents
Find Inpadoc family
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Portable computer with peripheral units for extended functionality.

Abstract
(EP-459427)
A **portable computer** constituted by a main body (1) having data processing functions and a removable floppy disk unit (3), the main body (1) being formed of a display panel unit (100) and a base **key board** when the

tor (6). <IMAGE>

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G06F1/00 312K; G06F1/00 312W; G06F1/00 320J; G06F15/02 335E

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