

Espacenet 「Classification search」画面説明

(2012年12月20日現在)

The screenshot shows the Espacenet Patent search interface. Key elements are highlighted with red boxes and numbered:

- ① 分類検索欄 (Classification search bar): Located at the top, containing a search input field and a 'Search' button.
- ② 表示形式カスタマイズ項目 (Display format customization items): A row of icons for search options like CPC, 2000, and a 'View section' dropdown.
- ③ 分類確認欄 (Classification confirmation column): A table listing classification symbols (A-H) and their descriptions, with checkboxes and icons for selection.
- ④ 検索式反映欄 (Search reflection column): A sidebar on the left showing 'Selected classifications' and buttons for 'Find patents' and 'Copy to search form'.

① 分類検索欄

Search for Search View section **Index** A | B | C | D | E | F | G | H | Y

1-1. 語句または分類記号を入力して検索

Search for

ボックスに検索したい語句や分類記号を入力（半角英数のみ、アルファベットの大文字・小文字の区別なし）、「search」をクリックすると③の分類確認欄に説明が表示されます。

The screenshot shows the search results for 'G06F1/00'. The 'Classification and description' table is expanded to show details for the selected class:

Symbol	Classification and description
<input type="checkbox"/> G	PHYSICS
Instruments	
<input type="checkbox"/> G06	COMPUTING; CALCULATING; COUNTING (score computers for games A63B 71/06 , A63D 15/20 , A63F 1/18 ; combinations of writing implements with computing devices B43K 29/08)
<input type="checkbox"/> G06F	ELECTRICAL DIGITAL DATA PROCESSING (computers in which a part of the computation is effected hydraulically or pneumatically G06D; optically G06E; self-contained input or output peripheral equipment G06K; impedance networks using digital techniques H03H)
<input type="checkbox"/> G06F 1/00	Details of data-processing equipment not covered by groups G06F 3/00 to G06F 13/00, { e.g. cooling, packaging or power supply specially adapted for computer application } ((security arrangements for protecting computers or computer systems against unauthorised activity G06F 21/00))
<input type="checkbox"/> G06F 1/02	• Digital function generators ((evaluating functions by calculating only G06F 7/544 , G06F 7/60 ; generating sawtooth or staircase waveforms H03K 4/00))

1-2. インデックス検索 (分類表から確認)

View section **Index** | [A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [Y](#) |

右側の選択欄から探したい分類のセクションをクリックすると③の分類確認欄に説明が表示されます。分類記号をクリックしてクラス、サブクラス・・・と展開していきます。

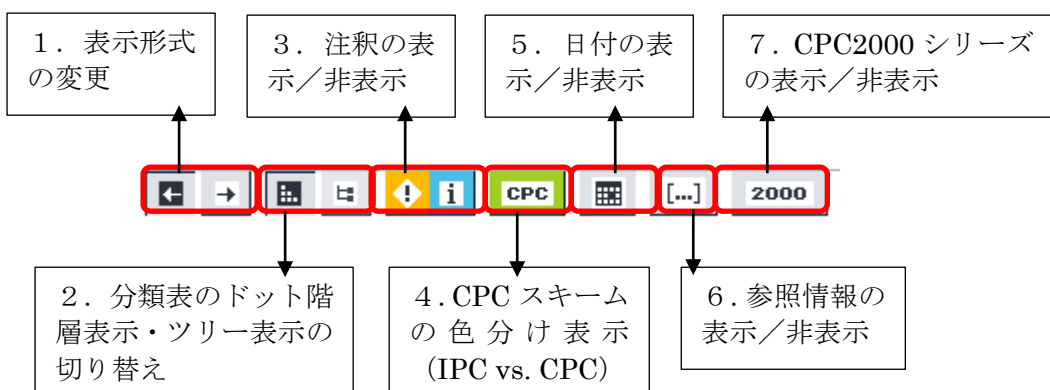
Symbol	Classification and description		
<input type="checkbox"/> G	PHYSICS		
Instruments			
<input type="checkbox"/> G01	MEASURING (counting G06M); TESTING		
<input type="checkbox"/> G02	OPTICS (making optical elements or apparatus B24B, B29D 11/00, C03, or other appropriate subclasses or classes; materials per se, relevant places, e.g. C03B, C03C)		
<input type="checkbox"/> G03	PHOTOGRAPHY; CINEMATOGRAPHY; ELECTROGRAPHY; HOLOGRAPHY (reproduction of		

Symbol	Classification and description		
<input type="checkbox"/> G	PHYSICS		
Instruments			
<input type="checkbox"/> G01	MEASURING (counting G06M); TESTING		
<input type="checkbox"/> G01B	MEASURING LENGTH, THICKNESS OR SIMILAR LINEAR DIMENSIONS; MEASURING ANGLES; MEASURING AREAS; MEASURING IRREGULARITIES OF SURFACES OR CONTOURS ((measuring human body, see the relevant places, where such exist, e.g. A41H 1/00, A43D 1/02, A61B 5/103; measuring appliances combined with walking-sticks A45B 3/08; sorting according to dimensions B07; tool-setting or drawing instruments not specially modified for measuring B23B 49/00, B23Q 15/00 to B23Q 17/00, B43L; combinations of measuring devices with writing-appliances B43K 29/08; geodetical, nautical or aeronautical measuring, surveying, rangefinding G01C; photogrammetry G01C 11/00; measuring force or stress, in general G01L 1/00;		

展開するデータ量が大きい場合、画面左下に下記のような注意を示す文面が表示されることがあります。エラーではありませんので、画面が切り替わるまでしばらくお待ちください。

Your browser may face performance issues rendering this large amount of data.

②カスタマイズ項目



2-1. 表示形式の変更

「分類記号を左、対応する説明を右」に表示するか「分類記号を右、対応する説明を左」に表示するかを選択することができます。

The screenshots show the software interface with the 'Change display format' function being demonstrated. A large red arrow points from the top screenshot to the bottom one, indicating the transition between the two display modes.

Top Screenshot (Default View): The 'Symbol' column is on the left and the 'Classification and description' column is on the right. The 'Agriculture' section is highlighted.

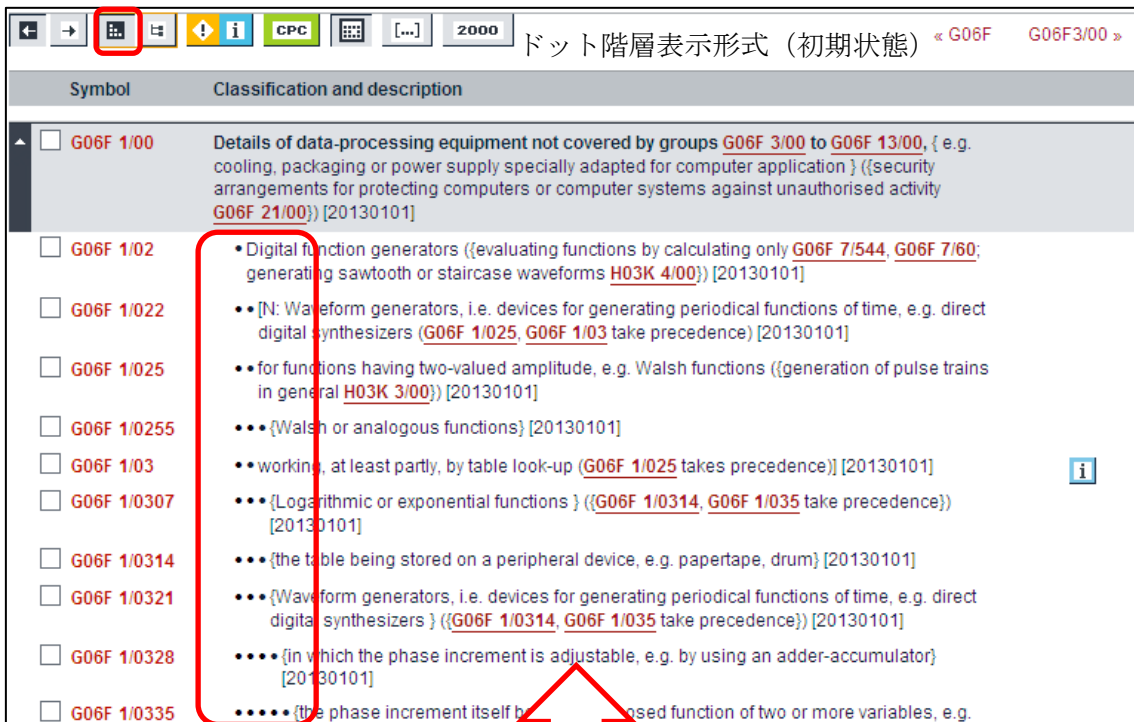
Symbol	Classification and description
<input type="checkbox"/> A	HUMAN NECESSITIES [20130101]
Agriculture [20130101]	
<input type="checkbox"/> A01	AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING [20130101]
<input type="checkbox"/> A01B	SOIL WORKING IN AGRICULTURE OR FORESTRY; PARTS, DETAILS, OR ACCESSORIES OF AGRICULTURAL MACHINES OR IMPLEMENTS, IN GENERAL (making or covering furrows or holes for sowing, planting, or manuring A01C 5/00 ; soil working for engineering purposes E01 , E02 , E21 ; {measuring areas for agricultural purposes G01B }) [20130101]
<input type="checkbox"/> A01C	PLANTING; SOWING; FERTILISING (combined with general working of soil A01B 49/04 ; parts, details or accessories of agricultural machines or implements, in general A01B 51/00 to A01B 75/00 ; {apparatus for spreading sand or salt E01C ; sowing and fertilising with aircraft B64D 1/16 to B64D 1/20 }) [20130101]

Bottom Screenshot (Reversed View): The 'Classification and description' column is on the left and the 'Symbol' column is on the right. The 'Agriculture' section is highlighted.

Classification and description	Symbol
HUMAN NECESSITIES [20130101]	A <input type="checkbox"/>
Agriculture [20130101]	
AGRICULTURE; FORESTRY; ANIMAL HUSBANDRY; HUNTING; TRAPPING; FISHING [20130101]	A01 <input type="checkbox"/>
SOIL WORKING IN AGRICULTURE OR FORESTRY; PARTS, DETAILS, OR ACCESSORIES OF AGRICULTURAL MACHINES OR IMPLEMENTS, IN GENERAL (making or covering furrows or holes for sowing, planting, or manuring A01C 5/00 ; soil working for engineering purposes E01 , E02 , E21 ; {measuring areas for agricultural purposes G01B }) [20130101]	A01B <input type="checkbox"/>
PLANTING; SOWING; FERTILISING (combined with general working of soil A01B 49/04 ; parts, details or accessories of agricultural machines or implements, in general A01B 51/00 to A01B 75/00 ; {apparatus for spreading sand or salt E01C ; sowing and fertilising with aircraft B64D 1/16 to B64D 1/20 }) [20130101]	A01C <input type="checkbox"/>

2-2. 分類表のドット階層表示・ツリー表示の切り替え

分類表の表示形式について、ドット階層の表示かツリー表示の表示を選択することができます。



ドット階層表示形式 (初期状態) « G06F G06F3/00 »

Symbol	Classification and description
<input type="checkbox"/> G06F 1/00	Details of data-processing equipment not covered by groups G06F 3/00 to G06F 13/00, { e.g. cooling, packaging or power supply specially adapted for computer application } ({security arrangements for protecting computers or computer systems against unauthorised activity G06F 21/00}) [20130101]
<input type="checkbox"/> G06F 1/02	• Digital function generators ({evaluating functions by calculating only G06F 7/544, G06F 7/60; generating sawtooth or staircase waveforms H03K 4/00}) [20130101]
<input type="checkbox"/> G06F 1/022	•• [N: Waveform generators, i.e. devices for generating periodical functions of time, e.g. direct digital synthesizers (G06F 1/025, G06F 1/03 take precedence) [20130101]
<input type="checkbox"/> G06F 1/025	•• for functions having two-valued amplitude, e.g. Walsh functions ({generation of pulse trains in general H03K 3/00}) [20130101]
<input type="checkbox"/> G06F 1/0255	••• {Walsh or analogous functions} [20130101]
<input type="checkbox"/> G06F 1/03	•• working, at least partly, by table look-up (G06F 1/025 takes precedence)) [20130101]
<input type="checkbox"/> G06F 1/0307	••• {Logarithmic or exponential functions } ({G06F 1/0314, G06F 1/035 take precedence}) [20130101]
<input type="checkbox"/> G06F 1/0314	••• {the table being stored on a peripheral device, e.g. papertape, drum} [20130101]
<input type="checkbox"/> G06F 1/0321	••• {Waveform generators, i.e. devices for generating periodical functions of time, e.g. direct digital synthesizers } ({G06F 1/0314, G06F 1/035 take precedence}) [20130101]
<input type="checkbox"/> G06F 1/0328	•••• {in which the phase increment is adjustable, e.g. by using an adder-accumulator} [20130101]
<input type="checkbox"/> G06F 1/0335	••••• {the phase increment itself being a composed function of two or more variables, e.g.

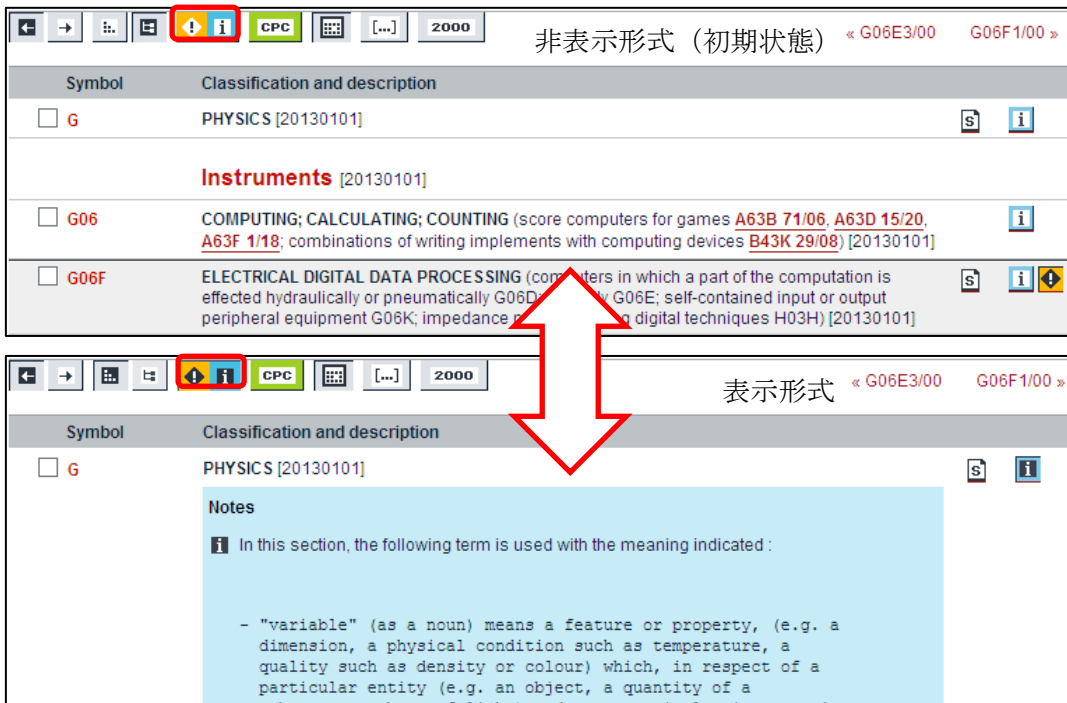


ツリー表示形式 « G06F G06F3/00 »

Symbol	Classification and description
<input type="checkbox"/> G06F 1/00	Details of data-processing equipment not covered by groups G06F 3/00 to G06F 13/00, { e.g. cooling, packaging or power supply specially adapted for computer application } ({security arrangements for protecting computers or computer systems against unauthorised activity G06F 21/00}) [20130101]
<input type="checkbox"/> G06F 1/02	• Digital function generators ({evaluating functions by calculating only G06F 7/544, G06F 7/60; generating sawtooth or staircase waveforms H03K 4/00}) [20130101]
<input type="checkbox"/> G06F 1/022	•• [N: Waveform generators, i.e. devices for generating periodical functions of time, e.g. direct digital synthesizers (G06F 1/025, G06F 1/03 take precedence) [20130101]
<input type="checkbox"/> G06F 1/025	•• for functions having two-valued amplitude, e.g. Walsh functions ({generation of pulse trains in general H03K 3/00}) [20130101]
<input type="checkbox"/> G06F 1/0255	••• {Walsh or analogous functions} [20130101]
<input type="checkbox"/> G06F 1/03	•• working, at least partly, by table look-up (G06F 1/025 takes precedence)) [20130101]
<input type="checkbox"/> G06F 1/0307	••• {Logarithmic or exponential functions } ({G06F 1/0314, G06F 1/035 take precedence}) [20130101]
<input type="checkbox"/> G06F 1/0314	••• {the table being stored on a peripheral device, e.g. papertape, drum} [20130101]
<input type="checkbox"/> G06F 1/0321	••• {Waveform generators, i.e. devices for generating periodical functions of time, e.g. direct digital synthesizers } ({G06F 1/0314, G06F 1/035 take precedence}) [20130101]
<input type="checkbox"/> G06F 1/0328	•••• {in which the phase increment is adjustable, e.g. by using an adder-accumulator} [20130101]
<input type="checkbox"/> G06F 1/0335	••••• {the phase increment itself being a composed function of two or more variables, e.g.

2-3. 注釈の表示・非表示

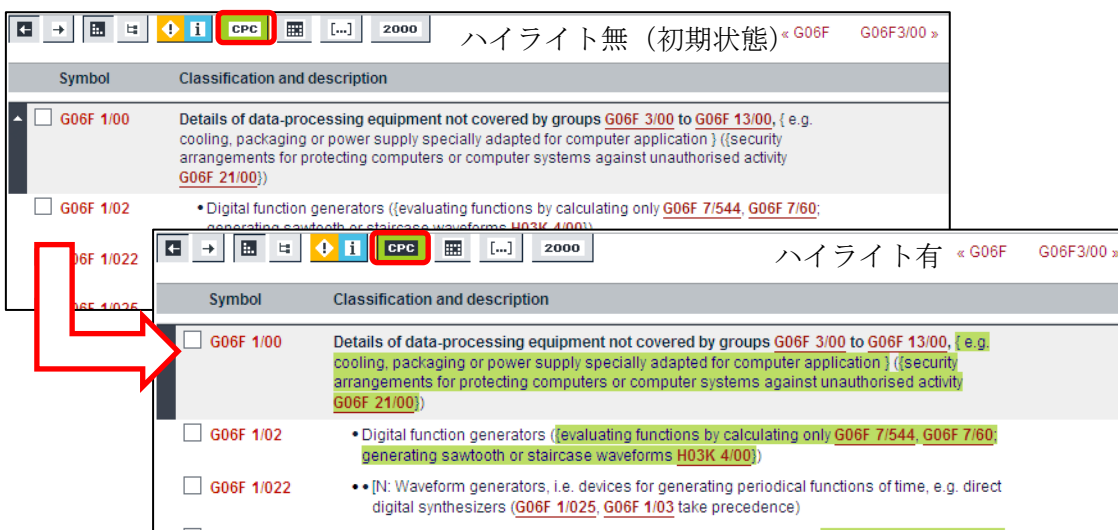
該当する分類に注釈がある場合、あらかじめ全てを表示するか非表示にするかを選択することができます。



The image shows two screenshots of a classification table. The top screenshot is titled '非表示形式 (初期状態)' (Hidden format (initial state)) and shows a table with columns 'Symbol' and 'Classification and description'. The entry for 'G06F' is visible. The bottom screenshot is titled '表示形式' (Display format) and shows the same table, but with a 'Notes' section expanded for the 'G' symbol. A red arrow points from the 'i' icon in the top screenshot to the 'Notes' section in the bottom screenshot.

2-4. CPC スキームの色分け表示 (IPC vs. CPC)

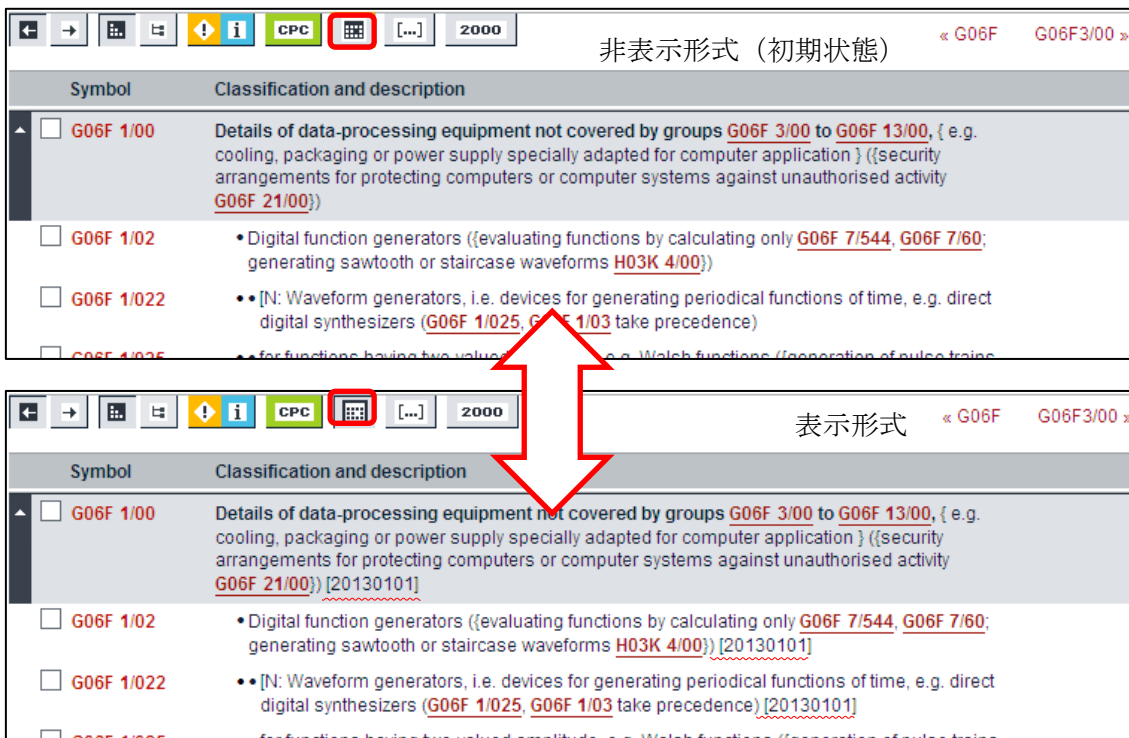
分類表の説明文において、IPC の説明部分と CPC の説明部分を色分けによる対比表示をすることができます。機能を有効にした際に緑色でハイライトされる部分が CPC 分類で新たに追加・修正された箇所、無色部分が IPC と説明が同一な箇所です。



The image shows two screenshots of a classification table. The top screenshot is titled 'ハイライト無 (初期状態)' (No highlight (initial state)) and shows a table with columns 'Symbol' and 'Classification and description'. The entry for 'G06F 1/00' is visible. The bottom screenshot is titled 'ハイライト有' (Highlight on) and shows the same table, but with the text in the 'G06F 1/00' entry highlighted in green. A red arrow points from the 'CPC' icon in the top screenshot to the highlighted text in the bottom screenshot.

2-5. 日付の表示／非表示

分類の改訂日の表示・非表示を選択することができます。



The screenshot shows two states of the software interface. In the top state, the '非表示形式 (初期状態)' (Hidden format (initial state)) is selected, and the date information in the classification descriptions is hidden. In the bottom state, the '表示形式' (Display format) is selected, and the date information is visible. A red double-headed arrow indicates the toggle between these two states.

Symbol	Classification and description
<input type="checkbox"/> G06F 1/00	Details of data-processing equipment not covered by groups G06F 3/00 to G06F 13/00, { e.g. cooling, packaging or power supply specially adapted for computer application } ({security arrangements for protecting computers or computer systems against unauthorised activity G06F 21/00})
<input type="checkbox"/> G06F 1/02	• Digital function generators ((evaluating functions by calculating only G06F 7/544, G06F 7/60; generating sawtooth or staircase waveforms H03K 4/00))
<input type="checkbox"/> G06F 1/022	•• [N: Waveform generators, i.e. devices for generating periodical functions of time, e.g. direct digital synthesizers (G06F 1/025, G06F 1/03 take precedence)
<input type="checkbox"/> G06F 1/025	••• for functions having two-valued amplitude, e.g. Walsh functions ((generation of pulse trains

2-6. 参照情報の表示／非表示

分類表内の参照情報（括弧内に表記の情報）を表示するか非表示にするかを選択することができます。

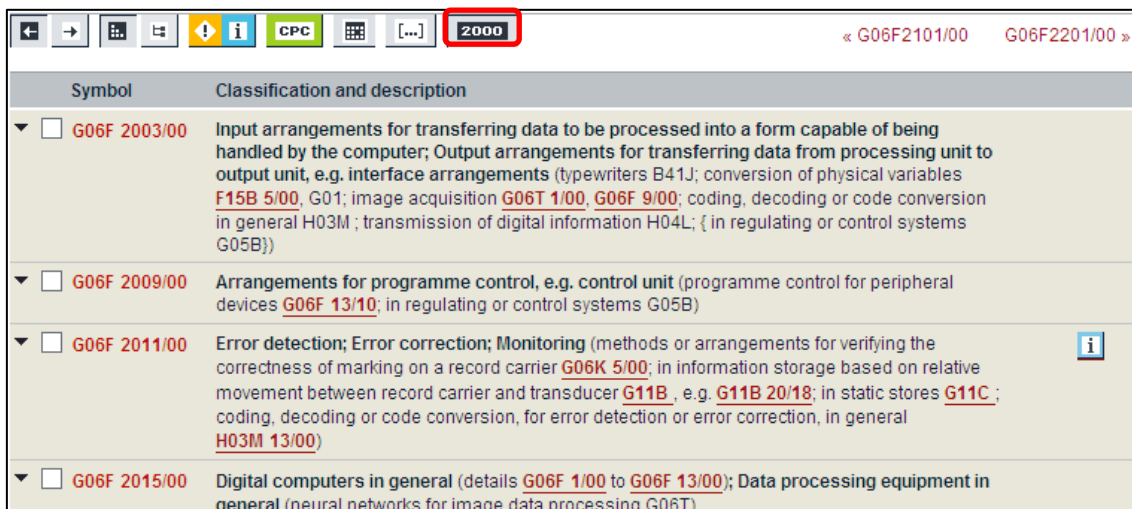


The screenshot shows two states of the software interface. In the top state, the '表示形式 (初期状態)' (Display format (initial state)) is selected, and the reference information in the classification descriptions is visible. In the bottom state, the '非表示形式' (Hidden format) is selected, and the reference information is hidden. A red double-headed arrow indicates the toggle between these two states.

Symbol	Classification and description
<input type="checkbox"/> G06F 1/00	Details of data-processing equipment not covered by groups G06F 3/00 to G06F 13/00, { e.g. cooling, packaging or power supply specially adapted for computer application } ({security arrangements for protecting computers or computer systems against unauthorised activity G06F 21/00})
<input type="checkbox"/> G06F 1/02	• Digital function generators ((evaluating functions by calculating only G06F 7/544, G06F 7/60; generating sawtooth or staircase waveforms H03K 4/00))
<input type="checkbox"/> G06F 1/022	•• [N: Waveform generators, i.e. devices for generating periodical functions of time, e.g. direct digital synthesizers (G06F 1/025, G06F 1/03 take precedence)
<input type="checkbox"/> G06F 1/025	••• for functions having two-valued amplitude, e.g. Walsh functions ((generation of pulse trains

2-7. 2000 シリーズの表示／非表示

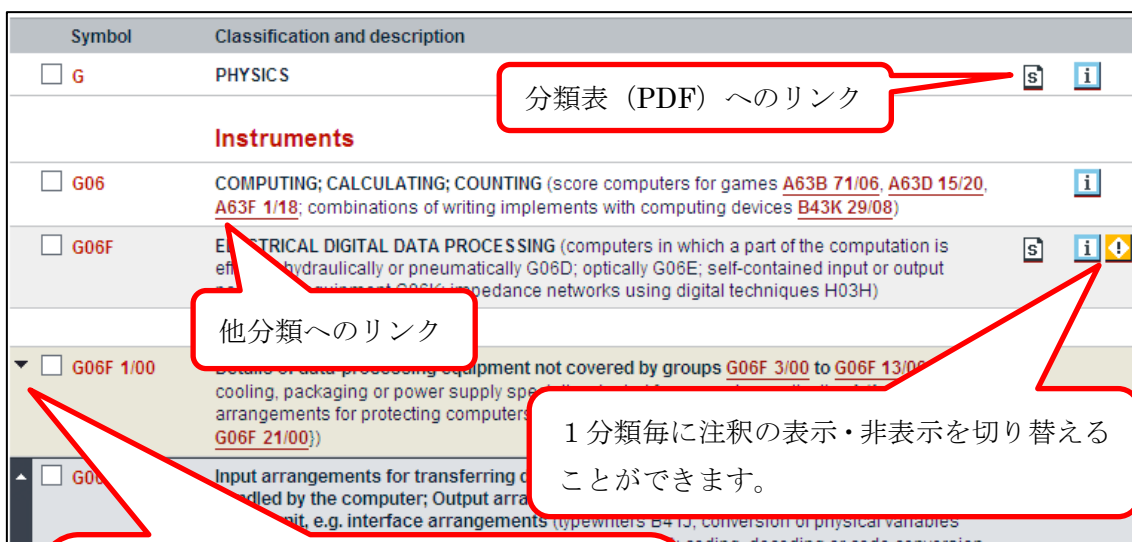
CPC2000 インデキシングコードを表示することができます。本コードの大部分は以前の ICO 分類及びキーワード (KW) が元になっています。



Symbol	Classification and description
<input type="checkbox"/> G06F 2003/00	Input arrangements for transferring data to be processed into a form capable of being handled by the computer; Output arrangements for transferring data from processing unit to output unit, e.g. interface arrangements (typewriters B41J; conversion of physical variables F15B 5/00, G01; image acquisition G06T 1/00, G06F 9/00; coding, decoding or code conversion in general H03M; transmission of digital information H04L; { in regulating or control systems G05B})
<input type="checkbox"/> G06F 2009/00	Arrangements for programme control, e.g. control unit (programme control for peripheral devices G06F 13/10; in regulating or control systems G05B)
<input type="checkbox"/> G06F 2011/00	Error detection; Error correction; Monitoring (methods or arrangements for verifying the correctness of marking on a record carrier G06K 5/00; in information storage based on relative movement between record carrier and transducer G11B, e.g. G11B 20/18; in static stores G11C; coding, decoding or code conversion, for error detection or error correction, in general H03M 13/00)
<input type="checkbox"/> G06F 2015/00	Digital computers in general (details G06F 1/00 to G06F 13/00); Data processing equipment in general (neural networks for image data processing G06T)

③分類確認欄

分類確認欄では、分類の参照 (2-1 参照) ができる他、注釈の中の他の分類へのリンクや分類表 (PDF) へのリンクが貼られています。また、分類記号横のボックスにチェックを入れることにより、検索式へ反映させることもできます (「④検索式への反映」参照)。



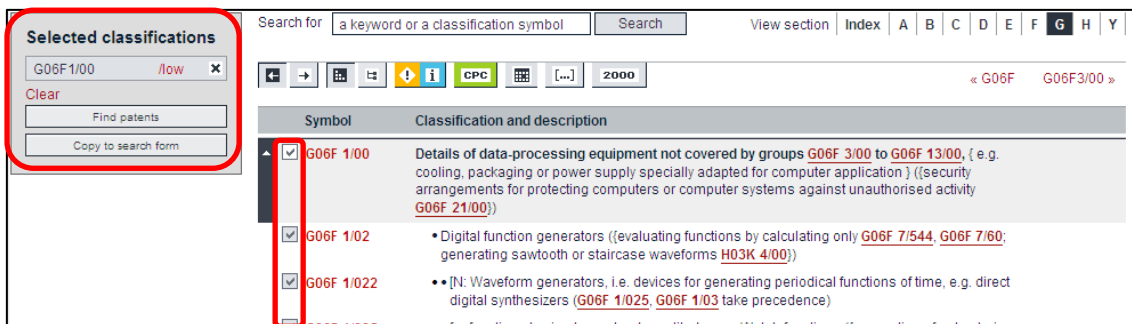
Symbol	Classification and description
<input type="checkbox"/> G	PHYSICS
Instruments	
<input type="checkbox"/> G06	COMPUTING; CALCULATING; COUNTING (score computers for games A63B 71/06, A63D 15/20, A63F 1/18; combinations of writing implements with computing devices B43K 29/08)
<input type="checkbox"/> G06F	ELECTRICAL DIGITAL DATA PROCESSING (computers in which a part of the computation is effected hydraulically or pneumatically G06D; optically G06E; self-contained input or output equipment G06K; impedance networks using digital techniques H03H)
<input type="checkbox"/> G06F 1/00	Details of data processing equipment not covered by groups G06F 3/00 to G06F 13/00 (cooling, packaging or power supply specially adapted for protecting computers G06F 21/00; arrangements for protecting computers G06F 21/00)
<input type="checkbox"/> G06F 2003/00	Input arrangements for transferring data to be processed into a form capable of being handled by the computer; Output arrangements for transferring data from processing unit to output unit, e.g. interface arrangements (typewriters B41J; conversion of physical variables F15B 5/00, G01; image acquisition G06T 1/00, G06F 9/00; coding, decoding or code conversion in general H03M; transmission of digital information H04L; { in regulating or control systems G05B})

下向き矢印もしくは該当分類をクリックして、さらに下の階層を展開することができます。上向き矢印もしくは該当分類をクリックして、展開している階層を閉じることができます。

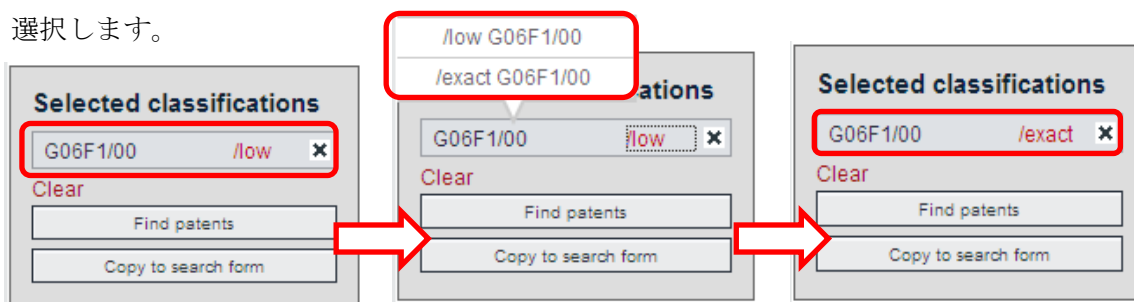
④検索式反映欄

検索式反映欄では、検索に使用したい分類を式に反映することができます。

分類確認欄で分類記号の横にあるボックスにチェックを入れると、左の検索式反映欄に該当する分類が選択された状態になります。分類選択をやり直したい場合は、分類確認欄のチェックを外すか、検索式反映欄の「×」をクリックすることでその分類が解除されます。検索式反映欄の「Clear」をクリックすると全選択を一括解除します。

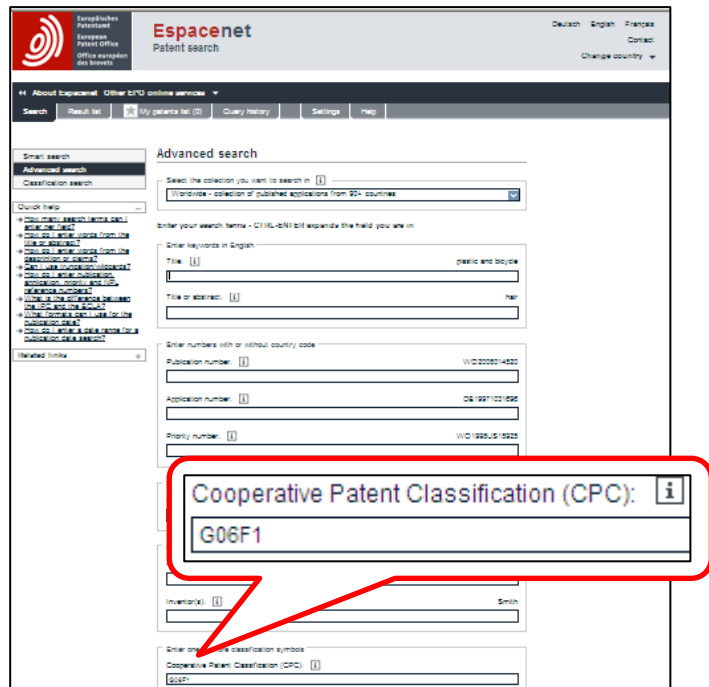
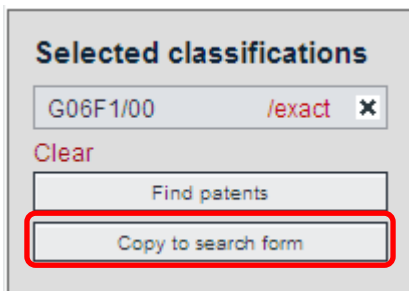


初期設定では、選択した分類の低位分類も自動で検索する仕様になっています。指定した分類のみを検索したい場合は、分類記号右隣の「/low」をクリックしてから、「/exact」を選択します。



その後「Find patents」をクリックするとその分類の検索を行います（複数の分類を選択した状態では、「論理積（and）検索」が実行されます）。「Copy to search form」をクリックすると選択した分類を保持したまま Advanced search 画面に移ります。その他の検索項目を指定して掛け合わせることが可能です。





※ECLA による検索について

12/20 現在、Espacenet ではコマンド検索において ECLA による検索が可能です。

「Smart search」の検索ボックスに ECLA の検索コマンドである「EC」を入力して ECLA による検索を行うことができます。但し、表示されるのは IPC 及び CPC となっており、ECLA を確認することは出来ませんのでご注意ください。この ECLA 検索機能がいつまで有効かについては情報がありませんが、移行期間である 2012 年末までは使用が出来るものと推測されます。

入力例：EC=G06F1/16P1F

