EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 632

DATE: JANUARY 2019

PROJECT DP0179

The following classification changes will be effected by this Notice of Changes:

Action	**Subclass**	**Group(s)**
DEFINITIONS:		
Definitions Modified:	G06F	11/0703

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES
   - ☐ A. New, Modified or Deleted Group(s)
   - ☐ B. New, Modified or Deleted Warning(s)
   - ☐ C. New, Modified or Deleted Note(s)
   - ☐ D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS
   - ☒ A. New or Modified Definitions (Full definition template)
   - ☐ B. Modified or Deleted Definitions (Definitions Quick Fix)
3. ☐ REVISION CONCORDANCE LIST (RCL)
4. ☐ CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. ☐ CHANGES TO THE CROSS-REFERENCE LIST (CRL)

2. A. DEFINITIONS (modified)

G06F 11/0703

Definition statement

Insert: The word “wherein” in the Definition statement section at the end of the 4th statement (the remedying step (G06F 11/0793), so statement reads as follows:

- the remedying step (G06F 11/0793), wherein:

Delete: The following two bulleted statements from the Definition statement section.

- wherein
- It should be noted that the subgroup does not cover the error/fault detection methods involving the check of the correct order of processing of a program or a system (G06F 11/28).

Relationships with other classification places

Delete: The entire Relationships with other classification places section shown below.

Relationships with other classification places

Root cause analysis in a hardware testing environment: G06F 11/22
Root cause analysis in a software testing/debugging environment: G06F 11/36

Insert: The following two new sections: Application-oriented references and Informative references.

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Error/fault processing in manufacturing/control systems/environment	G05B 23/02
Monitoring power failures	G06F 1/28
Responding to power failures	G06F 1/30
Error detection, correction or monitoring in information storage based on relative movement between record carrier and transducer	G11B 20/18 G11B 27/36
Error in transmission systems (error detection/correction in data transmission)	H04L 1/00

Informative references

Attention is drawn to the following places, which may be of interest for search:

Error/fault detection or recovery by retry	G06F 11/14
Error/fault detection by checking the correct order of processing of a system or a program	G06F 11/28
Monitoring per se, reporting or storing of non-error data	G06F 11/30, G06F 11/34
Protection against unauthorized use of memory	G06F 12/14
Computer security, e.g. detection of attacks, malware, unauthorised accesses	G06F 21/00
Exception handling during concurrent execution	G06F 9/3861
Fault management in networks wherein the error/fault is related to the data exchange protocols or to the network equipments (e.g. routers or switches)	H04L 41/06
Monitoring of traffic in a network or of network components (e.g. routers or switches)	H04L 43/00

Network security detection/protection against malicious traffic	H04L 29/06877
Monitoring testing in wireless networks	H04W 24/00

Limiting references

Delete: This entire section: Limiting references (heading, preamble, and table).

Special rules of classification

Delete: The entire section: Special rules of classification.

Insert: The following replacement section for Special rules of classification.

A document classified in G06F 11/0703 - G06F11/0793 must receive at least one classification for the “functional aspect” and at least one classification for the “architectural context” according to the two following actions.

Action 1 – Classifying the functional aspect (see groups G06F 11/0751 - G06F 11/0793):

- Classifying the document in a subgroup corresponding to the most relevant functional aspect of the error/fault processing described in the document;
- G06F 11/0751 and its subgroups for the function of error/fault detection, e.g. comparing data to an error threshold;
- G06F11/0766 and its subgroups for the function of error/fault reporting/storing, e.g. performing a memory dump after detecting an error;
- G06F11/079 for the function of root cause analysis, e.g. determining the first error event causing the others;
- G06F11/0793 for the function of error/fault remedying, e.g. executing a specific interrupt handler to clear the error/fault;

- A document can be classified in more than one group of the list defined above based on details of different functional aspects disclosed in the document.

Action 2 – Classifying the architectural context (see groups G06F11/0706 - G06F11/0748):

- Classifying the document in a subgroup) corresponding to the most relevant architectural context described in the document;
- A document can be classified in more than one group under G06F 11/0706 based on details of different architectural contexts disclosed in the document;
- In case the document does not disclose any specific architectural context details or only refers to a general computer, the generic head group, G06F11/0706, should be used.