

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 986

DATE: JANUARY 1, 2021

PROJECT DP0227

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
DEFINITIONS:		
Definitions Modified:	G05B	SUBCLASS
	G05B	7/00, 9/00, 11/00, 17/00, 19/00, 21/00, 23/0259, 24/00

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)

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2. B. DEFINITIONS QUICK FIX

<u>Symbol</u>	<u>Location of change</u> (e.g., section title)	<u>Existing reference symbol or text</u>	<u>Action; New symbol; New text</u>
G05B	Application-oriented references		<p><u>Insert:</u> The following new rows into the Application-oriented references table.</p> <p>Heat treatment of ferrous or non-ferrous metals or alloys C21D 11/00</p> <p>Wind motors F03D 7/00</p>
G05B	Application-oriented references		<p><u>Replace:</u> The text and symbol of the following row:</p> <p>copying from a pattern or master model for machine tools B25Q 35/00</p> <p>with the following text and symbol:</p> <p>Copying from a pattern or master model for machine tools B23Q 35/00</p>
G05B 7/00	Limiting references		<p><u>Delete</u> the entire Limiting references section</p>
G05B 7/00	Informative references		<p><u>Insert:</u> The following new row into a new Informative section:</p> <p>References <i>Informative references</i> <i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Smooth engagement of gears in automatic transmission systems F16H 61/04</p>

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G05B 9/00	Limiting references		<p><u>Delete</u>: The following rows from the Limiting references table:</p> <p>anti-hunting arrangements G05B 5/00</p> <p>safety arrangements in programme-control systems other than numerical control G05B 19/0428</p> <p>safety arrangements in programme-control systems using programmable logic controllers (PLC) G05B 19/058</p> <p>monitoring of control system, i.e. detection of failures in the control action and response to those failures G05B 23/00</p>
G05B 9/00	Limiting references		<p><u>Insert</u>: The following new row into the Limiting references table:</p> <p>Safety valves F16K 17/00</p>
G05B 9/00	Informative references		<p><u>Delete</u>: The following row from the Informative references table:</p> <p>safety valves F16K 17/00</p>
G05B 9/00	Informative references		<p><u>Insert</u>: The following new rows into the Informative references table:</p> <p>Anti-hunting arrangements G05B 5/00</p> <p>Safety arrangements in programme-control systems</p>

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			<p>other than numerical control G05B 19/0428</p> <p>Safety arrangements in programme-control systems using programmable logic controllers (PLC) G05B 19/058</p> <p>Monitoring of control system, i.e. detection of failures in the control action and response to those failures G05B 23/00</p>
G05B 11/00	Limiting references		<p><u>Delete</u> the following row:</p> <p>programme-control systems G05B 19/00</p>
G05B 11/00	Informative references		<p><u>Insert</u>: The following new row into a new Informative section:</p> <p>References <i>Informative references</i> <i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Programme-control systems G05B 19/00</p>
G05B 17/00	Limiting references		<p><u>Insert</u>: The following new rows into the Limiting references table.</p> <p>Adaptive control systems G05B 13/00</p> <p>Systems controlled by a computer G05B15/00</p> <p>Programme-control systems G05B 19/00</p>
G05B 17/00	Informative references		<p><u>Delete</u> the entire Informative references section</p>

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G05B 19/00	Limiting references		<p><u>Delete</u> the following rows from the Limiting references table:</p> <p>Programme-control of manipulators B25J9/16</p> <p>CAD system G06F30/00</p> <p>Control of speed of electric motors H02P</p>
G05B 19/00	Limiting references		<p><u>Insert:</u> The following rows into the Limiting references table:</p> <p>Domestic washing or cleaning A47L 15/00</p> <p>Clocks with attached or built-in means operating any device at a preselected time interval G04C 23/00</p> <p>Marking or sensing record carriers with digital information G06K</p> <p>Information storage G11</p> <p>Time programme switches which automatically terminates their operation after the programme is completed H01H 43/00</p>
G05B 19/00	Informative references		<p><u>Delete:</u> The following rows from the Informative references table:</p> <p>domestic washing or cleaning A47L 15/00</p>

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			<p>electromechanical clocks or watches G04C 23/08, G04C23/24</p> <p>Marking or sensing record carriers with digital information G06K</p> <p>Information storage G11</p> <p>Clocks with attached or built-in means operating any device at a preselected time interval H01H 43/00</p>
G05B 19/00	Informative references		<p><u>Insert:</u> the following new rows into the Informative references table:</p> <p>Programme-control of manipulators B25J9/16</p> <p>CAD system G06F30/00</p> <p>Control of speed of electric motors H02P</p>
G05B 21/00	Limiting references		<p><u>Insert:</u> The following rows into the existing Limiting references table:</p> <p>Adaptive control systems G05B 13/00</p> <p>Systems controlled by a computer G05B15/00</p> <p>Systems involving the use of models or simulators G05B 17/00</p> <p>Programme-control systems G05B 19/00</p>

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			Transmission systems for measured values G08C
G05B 21/00	Informative references		<u>Delete</u> the entire Informative references section
G05B 23/0259	Limiting references		<u>Delete</u> the entire Limiting references section
G05B 23/0259	Application-oriented references		<p><u>Insert</u>: The following new row into a new Application-oriented references section:</p> <p>References <i>Application-oriented references</i> <i>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:</i></p> <p>Repair maintenance, i.e. repairing a broken or failed process or system A47L 15/00, B23B 39/08, B23B 39/24, B25J 9/16, B60W 50/00, F02D 27/02, F02D 41/22, G01M 15/00, G01R 31/00, G05B 19/406, G06F 11/00</p>
G05B 23/0259	Informative references		<p><u>Insert</u>: The following new row into a new Informative section:</p> <p>References <i>Informative references</i> <i>Attention is drawn to the following places, which may be of interest for search:</i></p> <p>Preventive maintenance, i.e. planning maintenance according to the available resources without</p>

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			monitoring the system G06Q 10/06
G05B 24/00	Limiting references		<u>Delete</u> the entire Limiting references section
G05B 24/00	Informative references		<u>Insert</u> : The following new row into a new Informative section: References <i>Informative references</i> <i>Attention is drawn to the following places, which may be of interest for search:</i> Open loop control of positioning, e.g. using step motors G05B 19/40

NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.