

G06M

COUNTING MECHANISMS; COUNTING OF OBJECTS NOT OTHERWISE PROVIDED FOR

Definition statement

This place covers:

Stepping or continuously-moving mechanical counters operated through one or more inputs applied to the lowest order mechanically or electrically.

Counting systems involving applications of either mechanical, electrical, or electronic counters.

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:

Counting in machines for making cigarettes	A24C 5/32
Counting in machines for shaping metal without removing material	B21C 51/00
Counting in printing machines or presses	B41F 33/02
Counting in office copying machines	B41L 39/02
Counting of axles of rail vehicles	B61L 1/16
Counting in packaging machines	B65B 65/08
Entry or exit registers	G07C 9/00

References out of a residual place

Examples of places in relation to which this place is residual:

Counting of objects conveyed through a pipe or tube	B65G 51/36
Adaptation of counters to electricity meters in electromechanical arrangements for measuring time integral of electric power or current	G01R 11/16
Counting electric pulses	H03K 21/00 - H03K 29/00

Informative references

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

Sorting, grading, counting or marking live aquatic animals	A01K 61/90
Table equipment for counting of consumptions	A47G 23/10
Counting of pills	A61J 7/02
Inhalers incorporating mechanisms for counting actuations	A61M 15/0068
Score-keepers and score display devices	A63B 71/0669
Counting of sheets in platen presses	B41F 1/58
Locks with counting devices	E05B 39/04
Tariff metering apparatus	G01D 4/00
Indicating or recording devices in volume flow meters	G01F 15/06

Counting by weighing	G01G 19/42
Counting of radioactive particles	G01T 1/18
Counting of photographic exposures	G03B 1/66 , G03B 17/36
Watches with counting devices	G04B 47/003
Counting issued tickets	G07B 5/04
Counting of votes	G07C 13/00
Counting coins	G07D 9/00
Counting of vehicles on a road or parking space	G08G 1/065
Teaching of counting	G09B 19/02
Counting characters, words or messages in switching networks for transmission of digital information	H04M 15/00

G06M 1/02

Housing

References

Informative references

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

Measuring in general	G01D
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G06M 1/028

{Arbors, drum fixing and adjusting means}

References

Informative references

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

Sliding-contact bearings for exclusively rotary movement for axial load only and for supporting the end face of a shaft or other member	F16C 17/08
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G06M 1/083

{by mechanical means}

References

Informative references

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

Counting of stacked objects	G06M 9/00
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G06M 1/086**{including barriers}****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Counting of conveyed objects	G06M 7/00
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G06M 1/24**Drums; Dials; Pointers****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Indicating the time by numbered drums	G04B 19/21
Clocks or watches with date or week-day indicators	G04B 19/24
Producing optical time signals at prefixed times by indicating members moved electrically	G04C 19/04

G06M 7/00**Counting of objects carried by a conveyor****Definition statement***This place covers:*

Counting of randomly distributed loose objects moving past a counting station, like in chute conveyors.

G06M 11/00**Counting of objects distributed at random, e.g. on a surface****Definition statement***This place covers:*

Counting of objects in a static distribution.

G06M 11/04**with provision for distinguishing between different sizes of objects****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Investigating particle size in general	G01N 15/00
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