

F27B**FURNACES, KILNS, OVENS OR RETORTS IN GENERAL; OPEN SINTERING OR LIKE APPARATUS****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:

Bakers' ovens; Machines or equipment for baking	A21B
Furnaces specially adapted for glass manufacture	C03B 5/00
Retorts	C10B 1/00
Coke ovens with vertical chambers	C10B 3/00
Coke ovens with horizontal chambers	C10B 5/00
Coke ovens with mechanical conveying means for the raw material inside the oven	C10B 7/00
Beehive ovens	C10B 9/00
Coke ovens with inclined chambers	C10B 11/00
Coke ovens with means for bringing and keeping the charge under mechanical pressure	C10B 13/00
Other coke ovens	C10B 15/00
Furnaces, kilns, ovens or retorts specially adapted for cracking hydrocarbons	C10G
Furnaces, kilns, ovens or retorts for production of gases containing carbon monoxide and hydrogen from solid carbonaceous materials by partial oxidation processes involving oxygen or steam	C10J
Blast furnaces	C21B 7/00
Stoves for heating the blast in blast furnaces	C21B 9/00
Manufacture of steel in converters	C21C 5/28
General devices for heat treatment of ferrous or non-ferrous metals or alloys	C21D
Furnaces for electroslog or arc remelting of metals	C22B 9/00
Apparatus or furnaces for melting or fritting enamels	C23D 1/00
Ovens specially adapted for firing enamels	C23D 9/00

Informative references

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

Combustion apparatus	F23
Heat-exchangers	F28D
Electric heating	H05B

F27B 1/00**Shaft or like vertical or substantially vertical furnaces****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:

Preheating, burning, calcining or cooling lime, magnesia or dolomite in shaft or vertical furnaces	C04B 2/12
Making pig-iron in blast furnaces	C21B 5/00
Blast furnaces	C21B 7/00
Shaft furnaces for making pig-iron	C21B 11/02

F27B 1/14**Arrangements of linings****References****Informative references**

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

Linings for furnaces, kilns, ovens or retorts in general	F27D 1/00
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F27B 1/16**Arrangements of tuyeres****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:

Tuyères for blast furnaces	C21B 7/16
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F27B 1/20**Arrangements of devices for charging****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:

Bell-and-hopper arrangements for blast furnaces	C21B 7/18
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Informative references

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

Devices for charging furnaces	F27D 3/00
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F27B 1/21**Arrangements of devices for discharging****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:

Devices for discharging from blast furnaces	C21B 7/14
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Informative references

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

Devices for discharging from furnaces	F27D 3/00
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F27B 1/22**Arrangements of heat-exchange apparatus****References****Informative references**

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

Heat-exchangers in general	F28C ; F28D
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F27B 1/24**Cooling arrangements****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:

Cooling devices for blast furnaces	C21B 7/10
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Informative references

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

Cooling of furnaces or of charges therein	F27D 9/00
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F27B 1/26**Arrangements of controlling devices****References****Informative references**

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

Controlling devices for furnaces in details	F27D 19/00
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F27B 1/28**Arrangements of monitoring devices, of indicators, of alarm devices****References****Informative references**

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

Monitoring devices for furnaces in details	F27D 21/00
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F27B 3/00

Hearth-type furnaces, e.g. of reverberatory type ([F27B 9/00](#), [F27B 11/00](#), [F27B 13/00](#), [F27B 14/00](#), [F27B 15/00](#), [F27B 21/00](#) take precedence); Electric arc furnaces {; Tank furnaces}

References**Limiting references**

This place does not cover:

Furnaces through which the charge is moved mechanically, e.g. of tunnel type; Similar furnaces in which the charge moves by gravity	F27B 9/00
Bell-type furnaces	F27B 11/00
Furnaces with both stationary charge and progression of heating	F27B 13/00
Crucible or pot furnaces	F27B 14/00
Fluidised-bed furnaces; Other furnaces using or treating finely-divided materials in dispersion	F27B 15/00
Open or uncovered sintering apparatus; Other heat-treatment apparatus of like construction	F27B 21/00

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:

Converters used in making steel	C21C 5/28
Manufacturing of steel in electric furnaces	C21C 5/52
Furnaces for general processes of refining metals	C22B 9/00

F27B 3/04

of multiple-hearth type; of multiple-chamber type; Combinations of hearth-type furnaces

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:

Manufacture of steel in electrically heated multi-chamber furnace, a combination of electric furnaces or an electric furnace arranged for associated working with a non-electric furnace	C21C 5/5252
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Informative references

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

Linings in general	F27D 1/00
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F27B 3/08

heated electrically, with or without any other source of heat

References**Informative references**

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

Heated by electric discharge in details	F27D 11/08
Electric heating elements or systems for furnaces in details	F27D 99/0006

F27B 3/14

Arrangements of linings

References**Informative references**

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

Linings in general	F27D 1/00
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F27B 3/16

Walls; Roofs

References**Informative references**

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

Linings and walls in details	F27D 1/00
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Roofs and crowns in details	F27D 1/02
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F27B 3/18

Arrangements of devices for charging

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:

Charging of electric furnaces used in the manufacture of steel	C21C 5/527
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Informative references

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

Devices for charging furnaces	F27D 3/00
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F27B 3/19

Arrangements of devices for discharging

References

Informative references

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

Devices for discharging in details	F27D 3/00
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F27B 3/20

Arrangements of heating devices

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:

Burners in electric arc furnaces used in the manufacture of steel	C21C 5/5217
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Informative references

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

Burners	F27B 3/205
Heating elements or systems for furnaces, kilns, ovens or retorts	F27D 99/0001
Electric heating	H05B

F27B 3/22**Arrangements of air or gas supply devices****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:

Lances or injectors for converters used in the manufacture of steel	C21C 5/4606
Injectors for electric arc furnaces used in the manufacture of steel	C21C 5/5217

Informative references

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

Oxygen blowing	F27B 3/225
Introducing a fluid jet or current into the charge in details	F27D 3/16

F27B 3/24**Cooling arrangements****References****Informative references**

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

Cooling of furnaces or charges therein in details	F27D 9/00
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F27B 3/26**Arrangements of heat-exchange apparatus****References****Informative references**

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

Heat-exchange apparatus	F28D 17/00
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F27B 3/28**Arrangement of controlling, monitoring, alarm or the like devices****References****Informative references**

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

Monitoring devices for furnaces in details	F21D21/00
Controlling devices for furnaces in details	F27D 19/00

F27B 5/00

Muffle furnaces; Retort furnaces; Other furnaces in which the charge is held completely isolated (furnaces through which the charge is moved mechanically or in which the charge moves by gravity [F27B 9/00](#))

References**Limiting references**

This place does not cover:

Furnaces through which the charge is moved mechanically or in which the charge moves by gravity	F27B 9/00
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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:

Muffle or retort furnaces for heat treatment of particular metallic articles, e.g. annealing, hardening, quenching or tempering	C21D 9/0043
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F27B 5/04

adapted for treating the charge in vacuum or special atmosphere

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:

Furnaces for heat treatment of ferrous or non-ferrous metals or alloys	C21D 9/00
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Informative references

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

Methods of heat treatment of ferrous or non-ferrous metals or alloys in inert gas, controlled atmosphere, vacuum or pulverulent material	C21D 1/74
Forming, maintaining or circulating atmosphere in heating chambers in details	F27D 7/00

F27B 5/08

Arrangements of linings

References**Informative references**

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

Linings in general	F27D 1/00
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F27B 5/12**Arrangement of devices for charging****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:

Charging particular metallic articles in heat-treatment furnaces	C21D 9/0018
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Informative references

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

Devices for charging furnaces	F27D 3/00
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F27B 5/13**Arrangement of devices for discharging****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:

Discharging particular metallic articles from heat-treatment furnaces	C21D 9/0018
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Informative references

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

Devices for discharging from furnaces	F27D 3/00
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F27B 5/14**Arrangements of heating devices****References****Informative references**

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

Methods of heating during heat treatment of ferrous or non-ferrous metals or alloys	C21D 1/34
Arrangement of elements for electric heating in or on furnaces	F27D 11/00
Heating elements or systems for furnaces, kilns, ovens or retorts	F27D 99/0001

F27B 5/16**Arrangements of air or gas supply devices****References****Informative references**

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

Methods of heat treatment of ferrous or non-ferrous metals or alloys in inert gas, controlled atmosphere, vacuum or pulverulent material	C21D 1/74
Supplying steam, vapour, gases or liquids in heating chambers	F27D 7/02

F27B 5/18**Arrangement of controlling, monitoring, alarm or like devices****References****Informative references**

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

Process control or regulation for heat treatments of ferrous or non-ferrous metals or alloys	C21D 11/00
Arrangement of controlling devices for furnaces	F27D 19/00
Arrangement of monitoring devices for furnaces	F27D 21/00

F27B 7/00**Rotary-drum furnaces, i.e. horizontal or slightly inclined****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:

Rotary retorts	C10B 1/10
Destructive distillation of solid carbonaceous material with indirect heating in rotary ovens or retorts	C10B 47/30
Making pig-iron in rotary kilns	C21B 11/06
Making spongy iron or liquid steel, by direct processes in rotary furnaces	C21B 13/08
Rotary furnaces with horizontal or slightly inclined axis for heat treatment of ferrous or non-ferrous metals or alloys	C21D 9/0031

Informative references

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

Burning or melting of hydraulic cements	C04B 7/44
Incineration of waste in rotating drums	F23G 5/20

F27B 7/06**adapted for treating the charge in vacuum or special atmosphere****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Methods of heat treatment of ferrous or non-ferrous metals or alloys in inert gas, controlled atmosphere, vacuum or pulverulent material	C21D 1/74
Forming or maintaining special atmospheres or vacuum within heating chambers	F27D 7/06

F27B 7/20**Details, accessories or equipment specially adapted for rotary-drum furnaces****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Burning or melting of hydraulic cements	C04B 7/44 , C04B 7/43
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F27B 7/24**Seals between rotary and stationary parts****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Seals for furnaces in details	F27D 99/0073
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F27B 7/28**Arrangements of linings****References****Informative references***Attention is drawn to the following places, which may be of interest for search:*

Linings for furnaces in details	F27D 1/0003
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F27B 7/30**Arrangements of partitions****References****Informative references**

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

Partitions for furnaces in details	F27D 99/007
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F27B 7/32**Arrangement of devices for charging****References****Informative references**

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

Devices for charging for furnaces in details	F27D 3/00
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F27B 7/33**Arrangement of devices for discharging****References****Informative references**

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

Devices for charging of furnaces in details	F27D 3/00
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F27B 7/38**Arrangements of cooling devices****Definition statement**

This place covers:

Arrangements of cooling devices

References**Informative references**

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

Cooling of furnaces or charges therein in details	F27D 9/00
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F27B 7/40**Planetary coolers****Definition statement**

This place covers:

Planetary coolers

References**Informative references**

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

Cooling of furnaces or charges therein in details	F27D 9/00
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F27B 7/42**Arrangement of controlling, monitoring, alarm or like devices****References****Informative references**

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

Monitoring devices for furnaces in details	F21D21/00
Controlling devices for furnaces in details	F27D 19/00

F27B 9/00

Furnaces through which the charge is moved mechanically, e.g. of tunnel type (rotary-drum furnaces with means for agitating or moving the charge [F27B 7/14](#)); Similar furnaces in which the charge moves by gravity

References**Limiting references**

This place does not cover:

Rotary-drum furnaces with means for agitating or moving the charge	F27B 7/14
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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:

Furnaces for heat treatment of ferrous or non-ferrous metals or alloys	C21D 9/00
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F27B 9/04**adapted for treating the charge in vacuum or special atmosphere****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:

Continuous furnaces for heat treating metal strip or wire with a controlled atmosphere or vacuum	C21D 9/561
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Informative references

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

Method of heat treatment of ferrous or non-ferrous metals or alloys in inert gas, controlled atmosphere, vacuum or pulverulent material	C21D 1/74
Forming or maintaining special atmospheres or vacuum within heating chambers	F27D 7/06

F27B 9/06**heated without contact between combustion gases and charge; electrically heated****References****Informative references**

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

Method of heating during heat treatment of ferrous or non-ferrous metals or alloys	C21D 1/34
Arrangement of elements for electric heating in or on furnaces	F27D 11/00
Heating elements or systems for furnaces, kilns, ovens or retorts	F27D 99/0001

F27B 9/14**characterised by the path of the charge during treatment; characterised by the means by which the charge is moved during treatment (for treating continuous lengths of work [F27B 9/28](#))****References****Limiting references**

This place does not cover:

Furnaces for treating continuous lengths of work	F27B 9/28
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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:

Furnaces in which the charge is moving up or down	C21D 9/005
Furnaces for heat treatment through which the charge is moved in a horizontal straight path	C21D 9/0056

Informative references

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

Travelling or movable supports or containers for the charge	F27D 3/12
Furnace cars	F27D 3/123

F27B 9/20

the charge moving in a substantially straight path

Definition statement

This place covers:

Furnaces through which the charge is moved mechanically, e.g. tunnel furnaces.

F27B 9/24

being carried by a conveyor

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:

Rolls in heat-treating furnaces	C21D 9/0012
Rolls in continuous heat-treating furnaces	C21D 9/563

Informative references

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

Transport by conveyors in general	B65G
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F27B 9/26

on or in trucks, sleds, or containers

References**Informative references**

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

Travelling or movable supports or containers for the charge; Furnace cars	F27D 3/12 ; F27D 3/123
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F27B 9/34**Arrangements of linings****References****Informative references**

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

Linings for furnaces in details	F27D 1/0003
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F27B 9/36**Arrangements of heating devices****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:

Continuous furnaces for heat treating metal strip or wire	C21D 9/56
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Informative references

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

Heating elements or system for furnaces, kilns, ovens or retorts	F27D 99/0001
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F27B 9/38**Arrangements of devices for charging****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:

Charging particular metallic articles in heat-treatment furnaces	C21D 9/0018
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Informative references

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

Devices for charging of furnaces	F27D 3/00
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F27B 9/39**Arrangements of devices for discharging****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:

Discharging particular metallic articles from heat-treatment furnaces	C21D 9/0018
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Informative references

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

Devices for discharging of furnaces	F27D 3/00
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F27B 9/40**Arrangements of controlling or monitoring devices****Definition statement**

This place covers:

Arrangement of controlling or monitoring devices

References**Informative references**

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

Process control or regulation for heat treatments of ferrous or non-ferrous metals or alloys	C21D 11/00
Arrangement of controlling devices for furnaces	F27D 19/00
Arrangement of monitoring devices for furnaces	F27D 21/00

F27B 11/00**Bell-type furnaces****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:

Bell-type furnaces for treating metal strips or wire	C21D 9/663
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F27B 13/10**Arrangements of linings****References****Informative references**

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

Linings for furnaces in details	F27D 1/0003
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F27B 13/12**Arrangements of heating devices****References****Informative references**

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

Heating elements or systems in details; especially burners	F27D 99/0001 ; F27D 99/0033
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F27B 13/14**Arrangement of controlling, monitoring, alarm or like devices****References****Informative references**

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

Monitoring devices for furnaces in details	F21D21/00
Controlling devices for furnaces in details	F27D 19/00

F27B 14/00**Crucible or pot furnaces****References****Informative references**

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

Single crystal growth	C30B
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F27B 14/04

adapted for treating the charge in vacuum or special atmosphere

References**Informative references**

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

Forming, maintaining or circulating atmosphere in heating chambers in details	F27D 7/00 ; F27D 7/02 ; F27D 7/06
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F27B 14/06

heated electrically, e.g. induction crucible furnaces with or without any other source of heat ([F27B 14/04](#) takes precedence)

References**Informative references**

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

Electric heating elements or systems	F27D 99/0033
Electric heating elements in general	H05B

F27B 14/10

Crucibles

References**Informative references**

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

Crucibles for single crystal growth	C30B 13/14
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F27B 14/12

Covers therefor

References**Informative references**

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

Covers for furnaces in details	F27D 1/18 ; F27D 1/1808
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F27B 14/14**Arrangements of heating devices****References****Informative references**

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

Heating elements or systems for furnaces in details	F27D 99/0001 ; F27D 99/0033 ; F27D 99/0035
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F27B 14/20**Arrangement of controlling, monitoring, alarm or like devices****References****Informative references**

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

Monitoring devices for furnaces in details	F21D21/00
Controlling devices for furnaces in details	F27D 19/00

F27B 15/00**Fluidised-bed furnaces; Other furnaces using or treating finely-divided materials in dispersion****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:

Making spongy iron or liquid steel, by direct processes in fluidised bed furnaces or apparatus containing a dispersion of the material	C21B 13/0033
Heating metallic strips in fluidised beds	C21D 9/567

Informative references

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

General apparatuses for carrying out chemical or physical processes in a fluidised-bed reactor	B01J 8/24
Combustion apparatus in which combustion takes place in a fluidised bed of fuel or other particles	F23C 10/00
Heat-exchange apparatus using fluidised bed	F28D 13/00

F27B 15/06**Arrangements of linings****References****Informative references**

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

Linings for furnaces in details	F27D 1/0003
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F27B 15/08**Arrangements of devices for charging****References****Informative references**

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

Devices for charging of furnaces in details	F27D 3/00
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F27B 15/09**Arrangements of devices for discharging****References****Informative references**

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

Devices for discharging of furnaces in details	F27D 3/00
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F27B 15/18**Arrangements of controlling devices****References****Informative references**

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

Controlling devices for furnaces in details	F27D 19/00
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F27B 15/20**Arrangements of monitoring devices, of indicators, of alarm devices****References****Informative references**

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

Monitoring devices for furnaces in details	F27D 21/00
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F27B 17/00

**Furnaces of a kind not covered by any of groups [F27B 1/00](#) - [F27B 15/00](#)
(structural combinations of furnaces [F27B 19/02](#))**

Definition statement

This place covers:

Types of furnaces not covered by any preceding group:

- open field furnaces for burning bricks;
- chamber type furnaces, e.g. specially adapted for treating semiconductor wafers or specially adapted for burning bricks or pottery;
- chamber type furnaces, where the floor consists of a support carrying the charge, e.g. car type furnaces;
- furnaces specially designed for laboratory use.

References

Limiting references

This place does not cover:

Structural combinations of furnaces	F27B 19/02
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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:

Furnace coilers; Hot coilers	C21D 9/68
Furnace for ingots	C21D 9/70

Informative references

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

Furnaces through which the charge is moved mechanically	F27B 9/02
Apparatuses for treating semiconductors or wafers	H01L 21/67

F27B 17/02

specially designed for laboratory use

Definition statement

This place covers:

Furnaces especially designed for laboratory use.

Furnaces for dental work-pieces

References

Informative references

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

Devices for soldering, casting, moulding or melting dental prostheses	A61C 13/20
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