

Search history

Search 1: SFT=(false and door and coke and charg* and (system or method)) and PD=19600101:20140828 and EC=(C10G) (Results 19)
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Search 6: SFT=(coke and frame and door) and PD=19600101:20140828 and EC=(C10G31) (Results 0)
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Search 8: SFT=(coke and frame and door and false and charg*) and PD=19600101:20140828 (Results 69)

Title: COKE OVEN PUSHING AND CHARGING MACHINE AND METHOD

Abstract: A combined coke oven pushing and charging machine is supported on tracks for movement along the front of a bank of coke ovens and is operable to open an oven door, push the coke from the open oven, and close the oven door, and to open the door of an adjacent empty oven, charge the oven with a uniform, level, compact charge of coal, and close the door. The machine is then moved along the track a distance equal to the width of one oven, a second oven is pushed, and the oven previously pushed is charged. The pusher head is provided with roller supports adapted to roll along the oven floor during the pushing operation, and the head is water cooled to prevent warping and damage by the intense heat of the coke. The coal is deposited into the empty ovens by a drag-type endless chain conveyor having a width substantially equal to the width of the coking chambers and which is telescoped into the oven from the pusher door opening. The generally horizontal cantilevered conveyor simultaneously fills, levels, and compacts the coal in the coking chamber.

Classifications:

International (IPC 8-9): C10B31/08 C10B33/10 C10B35/00

C10B37/04 (Advanced/Invention);

C10B31/00 C10B35/00 C10B37/00 (Core/Invention)

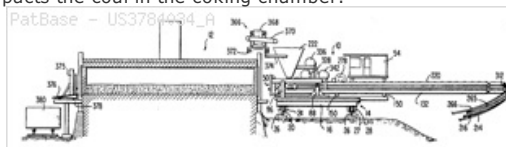
International (IPC 1-7): C10B31/08 C10B33/10

CPC: C10B35/00 C10B37/04

European: C10B35/00 C10B37/04

US: 198/547 198/610 201/40 202/262 214/23 414/156 414/180 414/187 414/188 414/196 414/214 414/215 414/587

414/684.3 414/804 432/235



Family:

Publication number	Publication date	Application number	Application date
AU197353984 A1	19741003	AU19730053984	19730402
CA1032887 A1	19780613	CA19750234527	19750902
CA1032887 A2	19780613	CA19750234527	19750902
CA985203 A1	19760309	CA19730167667	19730402
CA995169 A1	19760817	CA19750234528	19750902
CA995169 A2	19760817	CA19750234528	19750902
US3784034 A	19740108	US19720240937	19720404
US3912091 A	19751014	US19740431804	19740108
US4067462 A	19780110	US19750581406	19750527

Priority:

US19720240937 19720404

CA19730167667 19730402

US19740431804 19740108

CA19750234527 19750902

CA19750234528 19750902

Probable Assignee: ELK RIVER RESOURCES INC

Assignee(s): (std): THOMPSON B ; THOMPSON BUSTER R ; THOMPSON BUSTER RAY

Assignee(s): THOMPSON B US ; BUSTER RAY THOMPSON ; ELK RIVER RESOURCES INC

Inventor(s): (std): THOMPSON B ; THOMPSON BUSTER R ; THOMPSON BUSTER RAY

Inventor(s): THOMPSON B US ; BUSTER RAY THOMPSON

Title: **COKE** OVEN CEILING CLEANING CAR - WITH OVERLAPPING SUCTION NOZZLES, CYCLONE COLLECTOR AND BAG FILTER

Abstract: The top of the ceiling of **coke** oven batteries is kept free from coal dust and **coke** breeze by a car which straddles a battery over the full width. Overlapping suction nozzles with flexible scraper blades are linked to an exhauster, a cyclone and filters. Arrangements saves the manual labour if brushes are used to keep the tops clean. It is synchronised with the movement of the **charging** car and does not obstruct the latter like other conventional cleaning mechanisms.

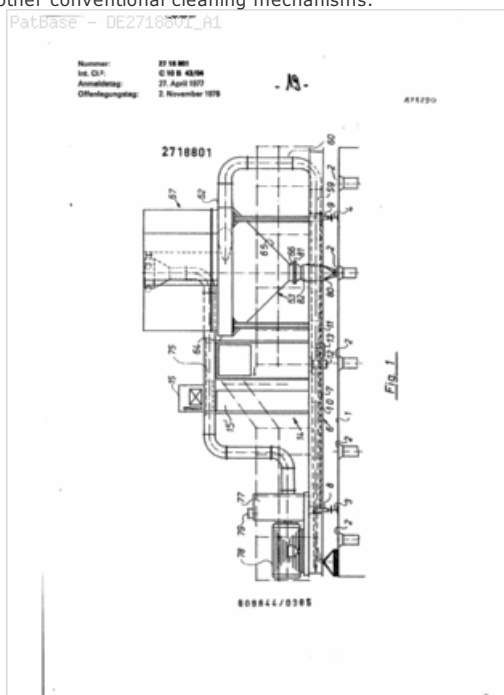
Classifications:

International (IPC 8-9): C10B31/04 C10B45/00 (Advanced/Invention);
C10B31/00 C10B45/00 (Core/Invention)

International (IPC 1-7): C10B43/04

CPC: C10B31/04 C10B45/00

European: C10B31/04 C10B45/00



Family:

Publication number	Publication date	Application number	Application date
DE2718801 A1	19781102	DE19772718801	19770427

Priority:

DE19772718801 19770427

Probable Assignee: ENTSTAUBUNGSTECHNIK AG

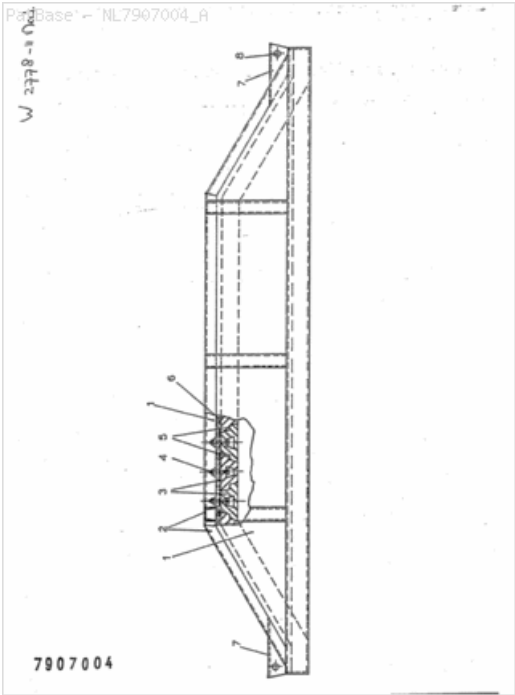
Assignee(s): (std): ENTSTAUBUNGSTECHNIK AG

Assignee(s): GFE GES F ENTSTAUBUNGSTECHNIK AG ; GFE GESELLSCHAFT FUER ENTSTAUBUNGSTECHNIK AG

Title: CARBON BODY HARDENING FURNACE COVER - OF STEEL PLATE LINED WITH PRESSED CERAMIC-FIBRE OVERLAPPING COMPONENTS(NO-800480)

Abstract: The cover is for an annular furnace used for hardening carbon bodies as used in the electro-metallurgical industry. It is of steel plate, and is lined on the hot side with fireproof material consisting of pressed components of ceramic fibre, with overlapping sliding surfaces. Insulating mats can be laid between them and the steel cover, which can have lips welded onto it to support other covers stacked on it.

Classifications:
International (IPC 8-9): F27D1/18 (Advanced/Invention);
F27D1/18 (Core/Invention)
International (IPC 1-7): C25C3/12 F27D1/18
CPC: F27D1/1808 Y02P10/262
European: F27D1/18A



Family:

Publication number	Publication date	Application number	Application date
 NL7907004 A	19810324	NL19790007004	19790920

Priority:
NL19790007004 19790920

Probable Assignee: ARDAL OG SUNNDAL VERK
Assignee(s): (std): ARDAL OG SUNNDAL VERK
Assignee(s): A S ARDAL OG SUNNDAL VERK TE OSLO

Title: GAS-TIGHT COKE-OVEN DOOR SEAL - WITH PROFILED SPACE AT SEALING STRIP END FILLED WITH SEALING CPD.

Abstract: A coke oven door carries a sealing frame which can be pressed with its sealing area against the door frame surrounding the oven chamber. This sealing area forms with the door frame surface an enclosed sealing space which is filled with a sealing cpd. through one or more pipe connections. This sealing system requires a min. of manual labour, it ensures a gastight enclosure of the oven chamber, is easy to clean and is inexpensive to apply.

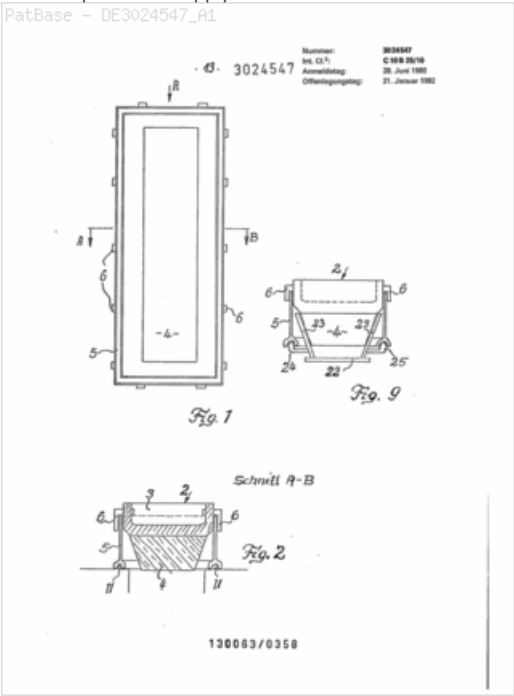
Classifications:

International (ipc 8-9): C10B25/16 C10B43/04 (Advanced/Invention);
C10B25/00 C10B43/00 (Core/Invention)

International (ipc 1-7): C10B25/16

CPC: C10B25/16 C10B43/04

European: C10B25/16 C10B43/04



Family:

Publication number	Publication date	Application number	Application date
DE3024547 A1	19820121	DE19803024547	19800628

Priority:

DE19803024547 19800628

Probable Assignee:

PLIBRICO CO GMBH

Assignee(s): (std):

PLIBRICO CO GMBH

Inventor(s): (std):

STRUZIK ERICH ING GRAD

Inventor(s):

STRUZIK ERICH ING

Title: Process and device for avoiding emissions during the filling of a **coke** oven chamber

Abstract: The invention relates to a process for avoiding emissions during the filling of a **coke** oven chamber with a compacted coal cake, the filling gases being extracted by means of steam or pressurised water into the receiver, and to devices for carrying out this process. According to the invention, the suction effect at the connection nozzles in the oven cover is to be increased during the movement of the compacted cake into the coking chamber as a function of the position of the compacted cake moving into the coking chamber. The process according to the invention and also the devices are explained by way of example in particular by Figure 1.

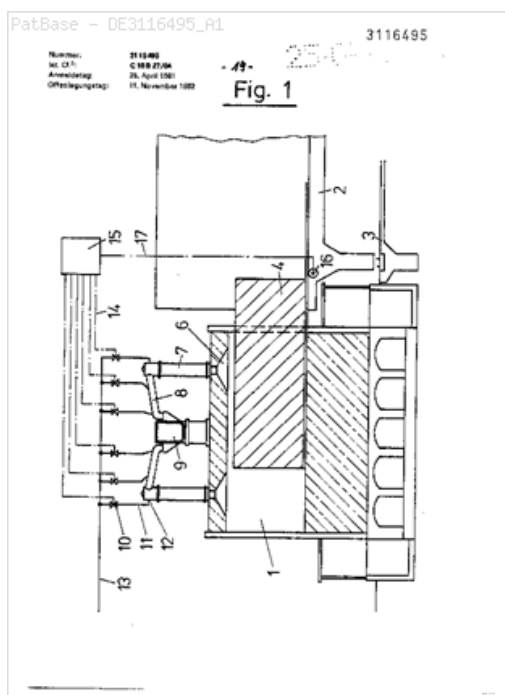
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International (IPC 1-7): C10B27/04 C10B31/10

CPC: C10B27/04 C10B31/10

European: C10B27/04 C10B31/10



Family:

Publication number	Publication date	Application number	Application date
DE3116495 A1	19821111	DE19813116495	19810425
DE3116495 C2	19860227	DE19813116495	19810425

Priority:

DE19813116495 19810425

Probable Assignee: STILL CARL GMBH CO KG

Assignee(s): (std): CARL STILL GMBH AND CO KG ; STILL CARL GMBH CO KG

Assignee(s): CARL STILL GMBH AND CO KG 4350 RECKLINGHAUSEN DE

Inventor(s): (std): STALHERM DIETER DR ; STRATMANN JOSEF ; URBYE KLAUS ; WEBER HEINRICH DR

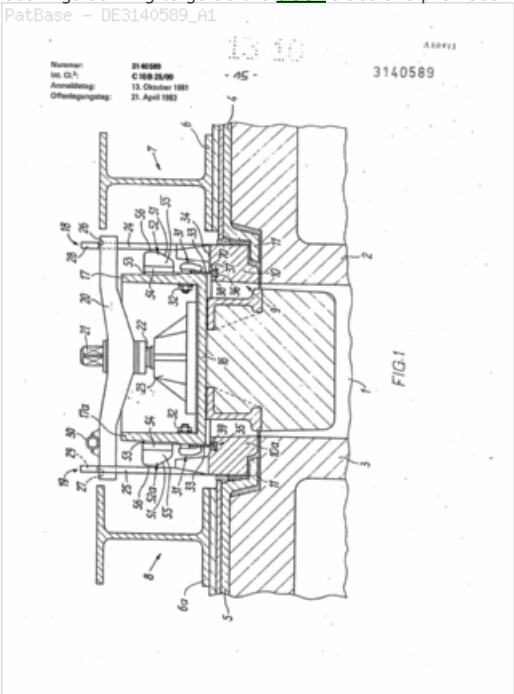
Inventor(s): URBYE KLAUS 4359 FLAESHEIM DE ; STRATMANN JOSEF 4350 RECKLINGSHAUSEN DE

Title: **Coke** oven chamber **door**

Abstract: In a **coke** oven chamber **door** with a **frame** fixed to the oven top, a **door** body with bracing by one or more, preferably rotatable bolts which interact with hooks fixed to the **door frame** or to an oven anchorage, and with a seal which serves to close the gap between the **door** and **frame** and which has at least one soft sealing element and a sealing surface interacting therewith, the invention provides that the sealing element is a packing of material, exposed on one side, in an outwardly open groove which extends in the plane of the **door** opening, and the sealing surface is formed on a metallic sealing strip penetrating into the packing of material, and that, for placing the sealing strips onto the packing of material, a straight **door** guide, extending perpendicular to the **frame**, and slide bearings serving to guide the **door** sides are provided.

Classifications:

International (IPC 8-9): C10B25/16 (Advanced/Invention);
C10B25/00 (Core/Invention)
International (IPC 1-7): C10B25/00
CPC: C10B25/16
European: C10B25/16



Family:

Publication number	Publication date	Application number	Application date
DE3140589 A1	19830421	DE19813140589	19811013

Priority:

DE19813140589 19811013

Probable Assignee: RUHRKOHLE AG

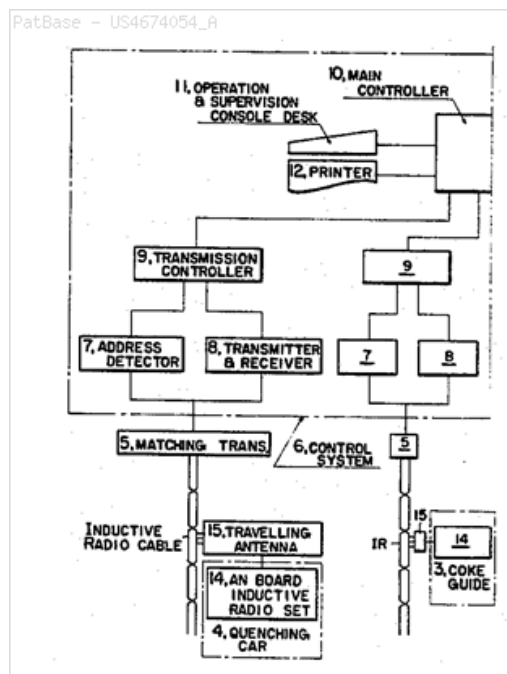
Assignee(s): (std): RUHRKOHLE AG

Inventor(s): (std): HOLZ WILHELM DR RER NAT ; SCHNEIDER WILHELM ING GRAD

Inventor(s): SCHNEIDER WILHELM ING

Abstract: A method is provided for automatically controlling both the running operations of traveling machines including a pusher machine, a **charging** car, a **coke** guide and/or solely a quenching car. Transposed-pair-type inductive radio lines capable of data transmissions are arranged over the whole length of the running path of the respective traveling machines. The absolute addresses of the traveling machines are continuously located at a main control system by means of a continuously position detecting mechanism resorting to an absolute address detecting method. Instructions to consecutively effect the running, stopping and working operations of the traveling machines are generated by grasping the positions and working states of the traveling machines on the basis of the control programs of the respective working steps, all of which are stored in the main controller, and on the basis of the speed and work data fed from the traveling machines, and the positions and working states of the same machines. Also disclosed is a fixed position stop control apparatus for the automatic control method.

US: 246/187B 700/211 701/70



Publication number	Publication date	Application number	Application date
AU198312826 A1	19830929	AU19830012826	19830325
AU550166 B2	19860306	AU19830012826	19830325
CA1209675 A1	19860812	CA19830424532	19830325
DE3310992 A1	19831027	DE19833310992	19830325
DE3310992 C2	19860814	DE19833310992	19830325
FR2523995 A1	19830930	FR19830005037	19830328
FR2523995 B1	19851213	FR19830005037	19830328
GB2121982 A1	19840104	GB19830008218	19830325
GB2121982 B2	19860521	GB19830008218	19830325
GB8308218 A0	19830505	GB19830008218	19830325
JP1483614 C3	19890227	JP19820188769	19821026
JP1550850 C3	19900323	JP19820050464	19820329
JP58166407 A2	19831001	JP19820049812	19820326
JP58167676 A2	19831003	JP19820050464	19820329
JP59078288 A2	19840507	JP19820188769	19821026
JP62187789 A2	19870817	JP19870013184	19870122
JP63024633 B4	19880521	JP19820050464	19820329
JP63024634 B4	19880521	JP19820188769	19821026
NL188658 B	19920316	NL19830001088	19830328
NL188658 C	19920817	NL19830001088	19830328
NL8301088 A	19831017	NL19830001088	19830328
US4674054 A	19870616	US19860828605	19860212
ZA8302122 A	19840425	ZA19830002122	19830325

JP19820049812	19820326	JP19820050464	19820329	JP19820188769	19821026
CA19830424532	19830325	US19830479124	19830328	JP19870013184	19870122

Agent(s): DAVIES COLLISON CAVE; KIRBY EADES GALE BAKER

Title: SOLID-FUEL STOVE

Abstract: The stove for solid fuel (5) comprises a stove casing housing a combustion area (2), in which the fuel (5) introduced is burnt in the presence of combustion air flows. The wall of the combustion zone has at least one stove **door** (6) and the stove casing is provided with at least one connection opening (34) for a flue type connection (35). Below the combustion area (2) is an ashbox, above which is a support (4) for the fuel (5). The wall of the combustion area is provided with a rear, upper, horizontal or oblique wall and one at least approximately vertical baffle (8), which limit a secondary chamber (9), in which the connection openings (10) for an exhaust gas pipe are located. The combustion zone (2) comprises supports for an intermediate plate (8). The flap (7) has at least one stop (23), against which the intermediate plate (18) strikes when inserted and thus opens the flap (7).

Classifications:

International (IPC 8-9): F24B1/22 F24B13/00

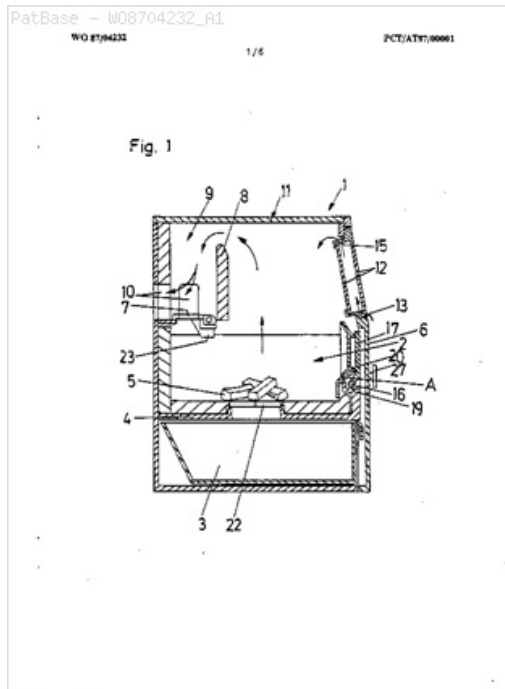
F24B5/08 (Advanced/Invention);

F24B1/00 F24B13/00 F24B5/00 (Core/Invention)

International (IPC 1-7): F24B1/22 F24B13/00 F24B5/08

CPC: F24B1/22 F24B5/087 F24B13/004

European: F24B1/22 F24B13/00D F24B5/08F



Family:

Publication number	Publication date	Application number	Application date
AT389583 B	19891227	AT19860000050	19860113
AT50855 E	19900315	AT19870900773T	19870112
AT5086 A	19890515	AT19860000050	19860113
DE3761856 D1	19900412	DE19873761856	19870112
EP0252965 A1	19880120	EP19870900773	19870112
EP0252965 B1	19900307	EP19870900773	19870112
WO8704232 A1	19870716	WO1987AT00001	19870112

Priority:

AT19860000050 19860113
WO1987AT00001 19870112

AT19860000051 19860113

WO1987AT00001 19870112

Probable Assignee:

RISER GEORG

Assignee(s): (std):

RISER GEORG

Assignee(s):

RISER GEORG STUMM AT

Inventor(s): (std):

RISER GEORG

Inventor(s):

RISER GEORG STUMM AT

Designated states:

AT BE CH DE FI FR GB IT LI LU NL NO SE