

CPC COOPERATIVE PATENT CLASSIFICATION

F MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

(NOTE omitted)

LIGHTING; HEATING

F27 FURNACES; KILNS; OVENS; RETORTS (specially adapted for a purpose covered by a single other class and specifically mentioned in that class, [see the class in question](#), e.g. bakery ovens [A21B](#), glass melting furnaces [C03B](#), coke or gas-making apparatus [C10B](#), [C10I](#), apparatus for cracking hydrocarbons [C10G](#), blast furnaces [C21B](#), converters for making steel [C21C](#), furnaces for heat treatment of metal [C21D](#); furnaces for electroslag or arc remelting of metals [C22B 9/00](#); enamelling ovens [C23D](#); combustion apparatus [F23](#); electric heating [H05B](#))

(NOTES omitted)

F27M INDEXING SCHEME RELATING TO ASPECTS OF THE CHARGES OR FURNACES, KILNS, OVENS OR RETORTS

NOTE

This subclass constitutes an internal scheme for indexing only.

| | | | |
|----------------|---|------------------|--|
| 2001/00 | Composition, conformation or state of the charge | 2001/1582 | Wires |
| 2001/01 | . Charges containing mainly non-ferrous metals | 2001/1586 | in coil form |
| 2001/012 | . . Aluminium | 2001/1591 | Bars |
| 2001/015 | . . Copper | 2001/1595 | . . Bands |
| 2001/017 | . . Lead | 2001/16 | . Particulate material, e.g. comminuted scrap |
| 2001/02 | . Charges containing ferrous elements | 2001/17 | . in the form of a blanket, e.g. mineral wool |
| 2001/023 | . . Ferrites | 2001/18 | . in the form of pellets |
| 2001/026 | . . Ferromagnetic materials | 2001/21 | . Briquettes |
| 2001/03 | . Charges containing minerals | 2001/22 | . Ingots |
| 2001/035 | . . China | 2002/00 | Disposition of the charge |
| 2001/04 | . Carbon-containing material | 2002/01 | . in one layer |
| 2001/045 | . . Coke | 2002/013 | . . in a push furnace type |
| 2001/05 | . Waste materials, refuse | 2002/016 | . . . workpieces being separated by a separating element |
| 2001/06 | . Plastics | 2002/03 | . as a batch of articles in a basket |
| 2001/07 | . Glass | 2002/04 | . Palletised |
| 2001/08 | . Food | 2002/10 | . Brick disposition in stacks on the support |
| 2001/10 | . Scrap material used as charge | 2002/11 | . Continuous charging |
| 2001/15 | . characterised by the form of the articles | 2002/12 | . Discontinuous charging |
| 2001/1504 | . . Ceramic articles | 2003/00 | Type of treatment of the charge |
| 2001/1508 | . . . Articles of relatively small dimensions | 2003/01 | . Annealing |
| 2001/1513 | Plates | 2003/02 | . Preheating, e.g. in a laminating line |
| 2001/1517 | Tiles | 2003/025 | . . Drying |
| 2001/1521 | Bricks | 2003/03 | . Calcining |
| 2001/1526 | . . . Elongated articles | 2003/04 | . Sintering |
| 2001/153 | Tubes | 2003/05 | . Brazing |
| 2001/1534 | . . . Big articles, e.g. bath-tubs | 2003/06 | . Enamelling |
| 2001/1539 | . . Metallic articles | 2003/07 | . Carburising |
| 2001/1543 | . . . Articles of relatively small dimensions | 2003/08 | . Curing; Baking |
| 2001/1547 | . . . Elongated articles, e.g. beams, rails | 2003/085 | . . Curing a painted surface |
| 2001/1552 | Billets, slabs | 2003/09 | . Expanding the charge, e.g. clay |
| 2001/1556 | Tubes or cylindrical bodies | 2003/10 | . Soaking |
| 2001/156 | . . . Flat articles | 2003/11 | . Incineration |
| 2001/1565 | Sheets | 2003/12 | . Reactivation of particles, e.g. carbon |
| 2001/1569 | assembled in coils | 2003/13 | . Smelting |
| 2001/1573 | in stacks | | |
| 2001/1578 | . . . Articles of indefinite length | | |

F27M

- 2003/14 . Pyrolising
- 2003/15 . Vaporisation
- 2003/155 . . Condensation
- 2003/16 . Treatment involving a chemical reaction
- 2003/162 . . between two or more components of the charge
- 2003/165 . . Reduction
- 2003/167 . . Oxydation
- 2003/17 . Coating
- 2003/18 . Degasifying
- 2003/19 . Dipping in a salt bath