

**CPC****COOPERATIVE PATENT CLASSIFICATION****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.

**F27M 2001/00****Composition, conformation or state of the charge**

- F27M 2001/01 . Charges containing mainly non-ferrous metals
- F27M 2001/012 .. Aluminium
- F27M 2001/015 .. Copper
- F27M 2001/017 .. Lead
- F27M 2001/02 . Charges containing ferrous elements
- F27M 2001/023 .. Ferrites
- F27M 2001/026 .. Ferromagnetic materials
- F27M 2001/03 . Charges containing minerals
- F27M 2001/035 .. China
- F27M 2001/04 . Carbon-containing material
- F27M 2001/045 .. Coke
- F27M 2001/05 . Waste materials, refuse
- F27M 2001/06 . Plastics
- F27M 2001/07 . Glass
- F27M 2001/08 . Food
- F27M 2001/10 . Scrap material used as charge
- F27M 2001/15 . characterised by the form of the articles
- F27M 2001/1504 .. Ceramic articles
- F27M 2001/1508 ... Articles of relatively small dimensions
- F27M 2001/1513 .... Plates
- F27M 2001/1517 .... Tiles
- F27M 2001/1521 .... Bricks
- F27M 2001/1526 ... Elongated articles
- F27M 2001/153 .... Tubes
- F27M 2001/1534 ... Big articles, e.g. bath-tubs
- F27M 2001/1539 .. Metallic articles
- F27M 2001/1543 ... Articles of relatively small dimensions
- F27M 2001/1547 ... Elongated articles, e.g. beams, rails
- F27M 2001/1552 .... Billets, slabs
- F27M 2001/1556 .... Tubes or cylindrical bodies

F27M 2001/156	... Flat articles
F27M 2001/1565	.... Sheets
F27M 2001/1569	..... assembled in coils
F27M 2001/1573	..... in stacks
F27M 2001/1578	... Articles of indefinite length
F27M 2001/1582	.... Wires
F27M 2001/1586	..... in coil form
F27M 2001/1591	.... Bars
F27M 2001/1595	.. Bands
F27M 2001/16	. Particulate material, e.g. comminuted scrap
F27M 2001/17	. in the form of a blanket, e.g. mineral wool
F27M 2001/18	. in the form of pellets
F27M 2001/21	. Briquets
F27M 2001/22	. Ingots
<b>F27M 2002/00</b>	<b>Disposition of the charge</b>
F27M 2002/01	. in one layer
F27M 2002/013	.. in a push furnace type
F27M 2002/016	... workpieces being separated by a separating element
F27M 2002/03	. as a batch of articles in a basket
F27M 2002/04	. Palettised
F27M 2002/10	. Brick disposition in stacks on the support
F27M 2002/11	. Continuous charging
F27M 2002/12	. Discontinuous charging
<b>F27M 2003/00</b>	<b>Type of treatment of the charge</b>
F27M 2003/01	. Annealing
F27M 2003/02	. Preheating, e.g. in a laminating line
F27M 2003/025	.. Drying
F27M 2003/03	. Calcining
F27M 2003/04	. Sintering
F27M 2003/05	. Brazing
F27M 2003/06	. Enamelling
F27M 2003/07	. Carburising
F27M 2003/08	. Curing; Baking
F27M 2003/085	.. Curing a painted surface
F27M 2003/09	. Expanding the charge, e.g. clay
F27M 2003/10	. Soaking
F27M 2003/11	. Incineration
F27M 2003/12	. Reactivation of particles, e.g. carbon
F27M 2003/13	. Smelting

<a href="#">F27M 2003/14</a>	. Pyrolising
<a href="#">F27M 2003/15</a>	. Vaporisation
<a href="#">F27M 2003/155</a>	. . Condensation
<a href="#">F27M 2003/16</a>	. Treatment involving a chemical reaction
<a href="#">F27M 2003/162</a>	. . between two or more components of the charge
<a href="#">F27M 2003/165</a>	. . Reduction
<a href="#">F27M 2003/167</a>	. . Oxydation
<a href="#">F27M 2003/17</a>	. Coating
<a href="#">F27M 2003/18</a>	. Degasifying
<a href="#">F27M 2003/19</a>	. Dipping in a salt bath