

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