

Symbol	Typ	Titel
C	Sektion	SECTION C — CHEMISTRY; METALLURGY
C21	Untersektion	METALLURGY
C21	Klasse	METALLURGY OF IRON
C21C	Unterklasse	PROCESSING OF PIG-IRON, e.g. REFINING, MANUFACTURE OF WROUGHT-IRON OR STEEL (refining or remelting metals in general C22B 9/00); TREATMENT IN MOLTEN STATE OF FERROUS ALLOYS
C21C 1/00	Hauptgruppe	Refining of pig-iron; Cast iron
C21C 1/02	1-Punkt Untergruppe	. Dephosphorising or desulfurising
C21C 1/04	1-Punkt Untergruppe	. Removing impurities other than carbon, phosphorus, or sulfur
C21C 1/06	1-Punkt Untergruppe	. Constructional features of mixers for pig-iron
C21C 1/08	1-Punkt Untergruppe	. Manufacture of cast-iron
C21C 1/10	1-Punkt Untergruppe	. Making spheroidal graphite cast-iron
C21C 3/00	Hauptgruppe	Manufacture of wrought-iron or wrought-steel
C21C 5/00	Hauptgruppe	Manufacture of carbon steel, e.g. plain mild steel, medium carbon steel, or cast-steel
C21C 5/02	1-Punkt Untergruppe	. Crucible furnace processes
C21C 5/04	1-Punkt Untergruppe	. Manufacture of hearth-furnace steel, e.g. Siemens-Martin steel
C21C 5/06	2-Punkt Untergruppe	. . Processes yielding slags of special composition
C21C 5/28	1-Punkt Untergruppe	. Manufacture of steel in the converter
C21C 5/30	2-Punkt Untergruppe	. . Regulating or controlling the blowing
C21C 5/32	3-Punkt Untergruppe	. . . Blowing from above (C21C 5/35 takes precedence) [5]
C21C 5/34	3-Punkt Untergruppe	. . . Blowing through the bath (C21C 5/35 takes precedence) [5]
C21C 5/35	3-Punkt Untergruppe	. . . Blowing from above and through the bath [5]
C21C 5/36	2-Punkt Untergruppe	. . Processes yielding slags of special composition
C21C 5/38	2-Punkt Untergruppe	. . Removal of waste gases or dust
C21C 5/40	3-Punkt Untergruppe	. . . Offtakes or separating apparatus for converter waste gases or dust
C21C 5/42	2-Punkt Untergruppe	. . Constructional features of converters
C21C 5/44	3-Punkt Untergruppe	. . . Refractory linings
C21C 5/46	3-Punkt Untergruppe	. . . Details or accessories
C21C 5/48	4-Punkt Untergruppe Bottoms or tuyères of converters
C21C 5/50	4-Punkt Untergruppe Tilting mechanisms for converters
C21C 5/52	1-Punkt Untergruppe	. Manufacture of steel in electric furnaces (electric heating <u>per se</u> H05B)
C21C 5/54	2-Punkt Untergruppe	. . Processes yielding slags of special composition
C21C 5/56	1-Punkt Untergruppe	. Manufacture of steel by other methods (making liquid steel by direct processes C21B 13/00)
C21C 7/00	Hauptgruppe	Treating molten ferrous alloys, e.g. steel, not covered by groups C21C 1/00-C21C 5/00 (treating

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		molten metals during moulding B22D 1/00, B22D 27/00; remelting ferrous metals C22B)
C21C 7/04	1-Punkt Untergruppe	. Removing impurities by adding a treating agent
C21C 7/06	2-Punkt Untergruppe	. . Deoxidising, e.g. killing [2]
C21C 7/064	2-Punkt Untergruppe	. . Dephosphorising; Desulfurising [3]
C21C 7/068	2-Punkt Untergruppe	. . Decarburising [3]
C21C 7/072	2-Punkt Untergruppe	. . Treatment with gases (C21C 7/06, C21C 7/064, C21C 7/068 take precedence) [3]
C21C 7/076	2-Punkt Untergruppe	. . Use of slags or fluxes as treating agents (C21C 7/06, C21C 7/064, C21C 7/068 take precedence) [3]
C21C 7/10	1-Punkt Untergruppe	. Handling in vacuum