

Title (en)
METHOD OF PRODUCING AFFINED FERROMANGANESE

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EP 0281796 B1 19900124 (DE)

Application
EP 88102163 A 19880215

Priority
DE 3707696 A 19870311

Abstract (en)
[origin: US4808220A] The invention relates to a process for the preparation of low-carbon and low-silicon ferromanganese (refined ferromanganese) by blowing with pure oxygen in a converter ferromanganese of high carbon content (high-carbon ferromanganese) produced in a blast furnace. The characterizing feature of the invention is that in an oxidation phase oxygen is blown from above with a top blowing lance on to the melt of high-carbon ferromanganese melt, while at the same time an inert stirring gas is blown through tuyeres into the melt below its level, and on termination of oxygen top blowing, in an immediately following reduction phase, solid reducing agents and lumps of lime are added to the melt to recover the slagged manganese.

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