

Title (en)
STEEL MANUFACTURING METHOD USING CONVERTER

Title (de)
STAHLHERSTELLUNG IM KONVERTER

Title (fr)
PROCEDE DE PRODUCTION ET D'ACIER AU MOYEN D'UN CONVERTISSEUR

Publication
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Application
EP 94919835 A 19940630

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- JP 32908893 A 19931224
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Abstract (en)
A method of efficiently carrying out the dephosphorization, dephosphorization-decarbonization, or desulfurization-dephosphorization-decarbonization of molten iron in a converter. The feed rates of flux and a bottom-blowing gas are regulated so that bottom-blowing agitation power of not less than 0.1 kW/t, a CaO/SiO₂ of treated slag of 0.7-2.5, and a temperature at a treatment terminal point of 1200-1450 DEG C can be attained. A control operation is carried out so that the sum of the concentration of T.Fe and that of MnO in treated slag becomes 10-35 wt.%, by regulating a top blowing acid feed rate, a flow rate of a bottom blowing gas, or the height of a top blowing lance. <IMAGE>

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IPC 8 full level
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CPC (source: EP KR)
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Cited by
EP1445337A4; EP1457574A4; EP1524322A3; CN102071277A; EP3633051A4; WO03085140A1; WO03029497A1; WO03085141A1; WO2004087707A1

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