

Title (en)
BLAST FURNACE OPERATION METHOD USING FERROCOKE

Title (de)
BETRIEBSVERFAHREN FÜR EINEN VERBRENNUNGSOFEN MIT FERROCOKE

Title (fr)
PROCÉDÉ DE CONDUITE DE HAUT FOURNEAU UTILISANT DU FERROCOKE

Publication
EP 2840152 A1 20150225 (EN)

Application
EP 12878418 A 20120606

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Abstract (en)
In a method for operating a blast furnace by forming a coke layer 1 and an ore layer in a blast furnace, an ore layer is formed as ore layer 2 and 3 of a plurality of batches including two or more batches, the carbon iron composite is mixed into the ore layer of at least one batch among the plurality of batches but not into at least another batch. In operation during which an ore layer thickness ratio, i.e., ore layer thickness/(ore layer thickness + coke layer thickness), is varied in a furnace radius direction, the furnace radius direction position preferably varies among ore layers of the plurality of batches and the carbon iron composite is preferably mixed into an ore layer 2 of a batch at a furnace radius direction position where the ore layer thickness ratio is relatively large.

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