

Title (en)

METHOD FOR PRODUCING MOULDED COKE BY ELECTRIC HEATING IN A SHAFT FURNACE AND SHAFT FURNACE FOR PRODUCING SUCH COKE AND ELECTRIC HEATING METHOD BY MEANS OF A FLUID CONDUCTING GRANULATED BED

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Application

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Abstract (en)

[origin: WO8702049A1] The method according to the invention comprises the introduction of a first part of the fraction of recycled head gases at the base of the lower portion (23) of the furnace to provide for a primary cooling of the coke, and the introduction of the remainder of the fraction of recycled head gases in the form of a secondary cooling stream circulating in counter-current of the mass of coke issuing from the lower portion (23) of the furnace into a region (34) sealingly connected to the outlet of the lower portion (23); the secondary cooling stream being then tapped (40) from the region (34) and reintroduced at the top of the furnace to dilute the gases produced and maintain the recovery means (15a and 15b) of said gases at a temperature sufficiently high to prevent any condensation; the cold coke is then discharged from the region (34) through a sealed chamber (46). The invention also relates to an electric heating method and device by means of a fluid conducting granulated bed.

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