

Title (en)

Method for processing furnace-bottom residue produced in gasification and slagging combustion furnace

Title (de)

Verfahren zur Behandlung von Ofenbodenrückständen von Vergasung und Verschlackungsöfen

Title (fr)

Procédé de traitement des résidus de fond de fours de gazeification et scorification

Publication

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Application

EP 00117221 A 20000811

Priority

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Abstract (en)

A gasification and slagging combustion furnace comprises a fluidized-bed gasification furnace (1) as a preceding stage and a slagging combustion furnace (2) as a succeeding stage. The recovered fluidized medium (d) is transferred to the fluidized-bed gasification furnace where the fluidized medium is reused. A metal component (a,b,c) is separated and recovered from the furnace-bottom residue. A nonmetal component is utilized after matter comprising the nonmetal component is rubbed with one another to remove contaminants from the surface of the matter, or after removing by a screen a powder component contained inherently in the nonmetal component and a powder component produced upon crushing of the nonmetal component. Alternatively, a nonmetal component is crushed to produce powder (e), the produced powder is transferred to the fluidized-bed gasification furnace, and then to the slagging combustion furnace where slagging is performed.

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CPC (source: EP KR)

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Citation (search report)

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