

Title (en)
PROCESS FOR THE GASIFICATION OF CARBONACEOUS MATERIAL

Title (de)
VERFAHREN ZUR VERGASUNG VON KOHLENSTOFFHALTIGEM MATERIAL

Title (fr)
PROCEDE POUR GAZEIFIER LES MATIERES CARBONEES

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Application
EP 00927281 A 20000512

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Abstract (en)
[origin: WO0069995A1] The invention relates to a process and apparatus for the gasification of a carbonaceous material. According to the process, the carbonaceous material is gasified at an elevated temperature to produce gas, condensable compounds are separated from the gas, and the product gas thus obtained is recovered. According to the invention, in order to separate the condensable compounds the gas obtained from the gasifiers is directed to a dry scrubber (2) operating according to the fluidized bed principle, wherein it is contacted with the bed material of the fluidized bed, the interior temperature of the dry scrubber being maintained lower than the condensation temperature of the condensable compounds in order to condense these compounds into the bed material. By means of the invention, a substantially tar-free gas can be produced which is suitable for the production of both heat and electricity.

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Cited by
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