

Title (en)  
GASIFICATION APPARATUS AND METHOD OF OPERATING THE SAME

Title (de)  
VERGASUNGSVORRICHTUNG UND BETRIEBSVERFAHREN

Title (fr)  
APPAREIL DE GAZEIFICATION ET PROCEDE DE FONCTIONNEMENT DU MEME

Publication  
**EP 1385923 A2 20040204 (EN)**

Application  
**EP 02720468 A 20020417**

Priority  
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Abstract (en)  
[origin: WO02086026A2] A gasification apparatus in which a fluidizing gas is supplied into a furnace from the furnace bottom to form a descending fluidized bed 7 and an ascending fluidized bed 8 in the furnace. The gasification apparatus has an incombustible matter discharge passage 9 below the ascending fluidized bed 8. Combustible matter 5 is cast into the upper part of the descending fluidized bed 7 to burn and gasify the combustible matter 5. A fluidized medium stirring means is provided in the incombustible matter discharge passage 9 or an inert gas is supplied through a supply opening 14 into or near the passage 9 to prevent the formation of clinker in the passage 9 or in or near the entrance thereof, which would otherwise clog the incombustible matter discharge opening.

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**C10J 1/00**

IPC 8 full level  
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