

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 B1 20060531 (EN)

Application
EP 02720468 A 20020417

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• JP 2001195268 A 20010627

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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