

Title (en)

METHOD AND APPARATUS FOR SUPPLYING WASTE TO GASIFICATION MELTING FURNACE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ZUFUHR VON ABFALL ZU EINEM VERGASUNGSSCHMELZOFEN

Title (fr)

PROCEDE ET APPAREIL D'INJECTION DE DECHETS DANS UN FOUR DE FUSION DE GAZEIFICATION

Publication

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Application

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Priority

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Abstract (en)

To provide a method for supplying waste material that prevents a compacted block from breaking up and scattering when introducing the waste material into a melting furnace, and prevents the backflow of CO, which is a toxic gas. In a method for supplying waste material to a body of a furnace in the interior of which waste material is heated and melted, the waste material is compacted by a compacting apparatus into a block so that the density of the waste material is at least two times and not more than 20 times the density prior to compaction, and the compacted block is supplied into the furnace from a introducing port provided in the furnace wall lower than a reforming section of the furnace body, either such that the drop distance within the furnace is not more than 3 m, or without being dropped.

IPC 8 full level

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Cited by

KR102303208B1; KR102289057B1; KR102289055B1; KR102303281B1; FR2937330A1; EP2587145A4; KR102289056B1; WO2010046547A1; US10823404B1; TWI762399B

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