

Title (en)

SYSTEM FOR PROCESSING WASTE ON A CONTINUOUS BASIS

Title (de)

SYSTEM ZUR KONTINUIERLICHEN VERARBEITUNG VON ABFALL

Title (fr)

SYSTÈME DE TRAITEMENT DE DÉCHETS SUR UNE BASE CONTINUE

Publication

EP 1841589 A1 20071010 (EN)

Application

EP 04815720 A 20041230

Priority

US 2004043708 W 20041230

Abstract (en)

[origin: WO2006073380A1] A system for processing waste on a continuous basis comprises an infeed assembly, a vessel held at a non-ambient pressure and/or temperature, and an outfeed assembly. The infeed assembly includes: a sleeve where waste is delivered; a gate construction that moves between an open and a closed position; and a ram that moves within the sleeve to compress waste when the gate construction is in the closed position and to push the compressed waste into the vessel, where it is metamorphically processed, when the gate construction is in the open position. The processed material moves from the vessel to the outfeed assembly, which includes a compaction chamber, a ram that moves within the compaction chamber, and a cutter assembly. Waste is compacted in the compaction chamber by the ram, cut by the cutter assembly, and delivered as a compacted block to an environment having an ambient pressure and/or temperature.

IPC 8 full level

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