

Title (en)
PROCESS AND APPARATUS FOR DISCHARGING RESIDUES OF FUELS CONTAINING ASH

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Application
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Abstract (en)
[origin: US4541840A] The invention relates to a process and a device for the discharge of residues of ash-containing fuels occurring during gasification of coal. The hot mixture of residues and water is separated in a separating chamber, whereby the residues enter a lock vessel situated under the separating chamber. The hot water is recycled to the water bath situated under the gasification reactor. After the lock vessel has been filled with residue, the hot water in the separating chamber is cooled or replaced by cold water. The discharge of the residues is pressureless and is effected by a stream of water flowing through the separating chamber into the lock vessel. Separating chamber and lock vessel remain filled with water at all times.

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