

Method for incinerating carbon-containing dry metallic ash

Abstract

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The invention relates to a method for incinerating carbon-containing dry metallic ash and a pertinent device. The method comprises the following steps:

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- a) adding the metallic ash into a trough;
- b) aerating with ambient air from above, and concurrently, at least for part of the time,
- c) injecting air and/or oxygen through the trough hearth;
- d) establishing the ignition temperature;

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- e) stirring of the metallic ash by means of a suitable tool;
- f) whereby the carbon content is reduced to less than 3%; and

whereby steps b), c), and d) can proceed concurrently or in alternating order or pairs or all of these steps can proceed concurrently;

step d) can just as well proceed selectively in partial quantities of the metallic ash;

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and whereby the reverse transport of ash through the trough hearth is prevented, whereas the supply of air and/or oxygen is maintained.

Figure 1