

Title (en)
PROCESS AND APPARATUS FOR PREPARING BINDER-FREE FIRING BRIQUETS

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Application
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Abstract (en)
[origin: US4872906A] The invention relates to a process for producing binder-free hot briquets of finely particulate non-pyrophoric residual substances accumulating in the production and processing of iron and steel and containing substantially no combustible components, for use in smelting. The characterizing features of the invention are: fuel in a finely particulate form is admixed to the residual substances; a quantity of sensible heat is fed from outside to the mixture of residual substances and fuel, until the fuel ignites, the quantity of fuel added being such that the temperature of the residual substances reaches the range of 600 DEG to 900 DEG C.; and the residual substances are then immediately hot-briquetted without intermediate cooling at a temperature in the aforementioned range.

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