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(54) Title: PROCESS FOR APPLICATION OF ALCOHOLIC DERIVATIVE ON HEAT TREATED PELLETS FOR INHIBITION OF PARTICULATE EMISSION AND SYSTEM FOR APPLICATION OF ALCOHOLIC DERIVATIVE ON HEAT TREATED PELLETS FOR INHIBITION OF PARTICULATE EMISSION

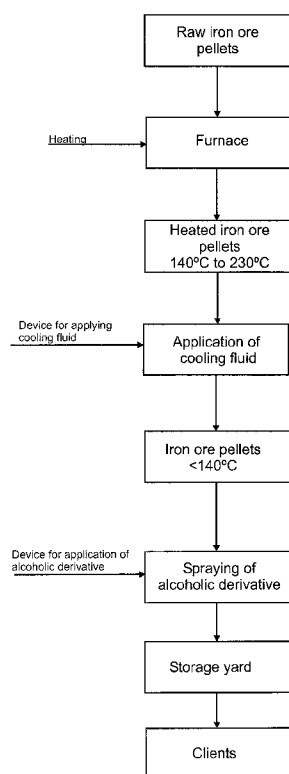


FIG. 1

(57) Abstract: It describes a process for application of alcoholic derivative on heat treated pellets for inhibition of particulate emission comprising the steps of: a) weighing the amount of heat treated pellets discharged from furnaces; b) measuring the temperature of the heat treated pellets discharged from furnaces; c) application of cooling fluid on the heat treated pellets until they reach temperatures below 140° C; and d) spraying the alcoholic derivative on the heat treated pellets. It also describes a system for application of alcoholic derivative on heat treated pellets for inhibition of particulate emission comprising: (i) a device for applying cooling fluid (100) capable of calculating a dosage of cooling fluid to be applied to the heat treated pellets; (ii) a device for applying alcoholic derivative (200) capable of calculating a dosage of alcoholic derivative to be applied to the heat treated pellets already cooled; and (iii) a carrier device (300) that continuously communicates with the device for applying cooling fluid (100) and with the device for applying alcoholic derivative (200).



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