

Title (en)

INCINERATION FURNACE FOR PASTY PRODUCTS, IN PARTICULAR SLUDGE FROM PURIFYING STATIONS

Title (de)

VERBRENNUNGSOFEN FÜR PASTÖSE PRODUKTE, INSBESONDERE KLÄRSCHLAMM AUS REINIGUNGSSTATIONEN

Title (fr)

FOUR D'INCINÉRATION DE PRODUITS PÂTEUX, EN PARTICULIER DE BOUES DE STATIONS D'ÉPURATION

Publication

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Application

EP 14786285 A 20140826

Priority

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Abstract (en)

[origin: WO2015028933A1] An incineration furnace (1) for pasty products, or sludge, with a bed of granular material fluidised by injecting a gas stream, the furnace comprising at least two injection nozzles (6, 7) for injecting products into the bed, supplied respectively by a pipe provided with a valve (8, 9) and linked to the discharge of a same pump, and a pipe for discharging the combustion gases (5); the furnace (1) comprising at least two temperature sensors (11, 12) located above the bed of granular material (3), each temperature sensor (11, 12) being located in an area associated with at least one injection nozzle (6, 7), and a means (A) sensitive to a temperature difference between the sensors (11, 12), capable of detecting the clogging of at least one nozzle when the temperature difference exceeds a predefined value.

IPC 8 full level

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CPC (source: EP)

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