

Title (en)

A METHOD AND AN EQUIPMENT FOR CLASSIFYING A GAS-SOLIDS FLOW COMING FROM A COUNTERJET PULVERIZER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KLASSIERUNG EINER STRÖMUNG EINER GAS-FESTKÖRPER ZUSAMMENSETZUNG AUS EINER GEGENSTRAHLMÜHLE

Title (fr)

PROCEDE ET DISPOSITIF DE TRI D'UN FLUX COMPOSE DE GAZ ET DE SOLIDES PROVENANT D'UN PULVERISATEUR A CONTRE-JET

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9212795A1] The invention relates to a method and an equipment for classifying a gas-solids flow coming from a counterjet pulverizer (5), in which the gas-solids flow accelerated by an additional gas flow is led to a first, mainly a centrifugal-force based classification phase (7), from which a coarse fraction is returned to the pulverization and a fine fraction is led, supported by the gas flow, to a second classification phase. The invention is characterized in that the coarse fraction produced in the second classification phase (12) is mixed in a vigorous additional gas flow and the additional gas-solids mixture produced is led to the feed of the first classification phase (7) such that large speed differences occur therein, and the fine fraction is led, supported by the gas flow, to the next treatment phase.

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