

Title (en)

Cyclone separator with an inlet container and separating method using this separator2

Title (de)

Zyklonabscheider mit einem Einlasskontainer und Trennverfahren einer Mischung mit solch einem Zyklonabscheider

Title (fr)

Séparateur cyclonique avec un container d'admission et méthode de séparation d'un mélange utilisant un tel séparateur

Publication

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Application

EP 05257883 A 20051220

Priority

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Abstract (en)

The present invention aims to provide a method of introducing into a cyclone body fluid containing new to be treated materials, a cyclone system, and a dust removal device and an incinerator comprising the system, and an exhaust gas treatment method that are simple and have high physical strength, and yet can improve treatment efficiency. A method of introducing into a cyclone body fluid containing to be treated materials in a cyclone comprising the cyclone body for swirling fluid, a fluid inlet for introducing the fluid, and an outlet duct for evacuating the fluid, characterized in that by not only enclosing at least a part or all of said cyclone body with an introduction container but also exposing said fluid inlet in the said introduction container, and by introducing the fluid containing the to be treated material into said introduction container, the method introduces into the cyclone body the fluid introduced into the said introduction container without continuous piping.

IPC 8 full level

B04C 5/04 (2006.01)

CPC (source: EP)

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Citation (search report)

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