

Title (en)

A method for mixing powder, agitation apparatus, and a method for manufacturing honeycomb structured body

Title (de)

Verfahren zum Mischen von Pulver, Mischvorrichtung, und Verfahren zur Herstellung eines Wabenkörpers

Title (fr)

Procédé et dispositif pour mélanger de la poudre, appareil d'agitation, et procédé pour la fabrication d'une structure alvéolaire

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Application

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Priority

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Abstract (en)

It is an object according to the present invention to provide a method for mixing powder using an agitation apparatus (10) highly resistant to wear, and able to conduct running over a long period of time without replacement of the screw. The method for mixing powder according to the present invention is a method for mixing powder by conducting mixing and transporting of at least one kind of powder, comprising: charging said at least one kind of powder into an agitation apparatus; and translating said at least one kind of powder while mixing the powder by rotating an agitation shaft of said agitation apparatus, said agitation apparatus comprising: a screw (14) comprised of the agitation shaft (15) and an agitating blade (16), said screw configured to rotate along with the said agitation shaft as the center; and, a casing (17) surrounding said screw, wherein either the entire body of said agitating blade is formed of a high hardness member, or, a high hardness coat layer is formed onto at least a portion of said agitating blade.

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Citation (examination)

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