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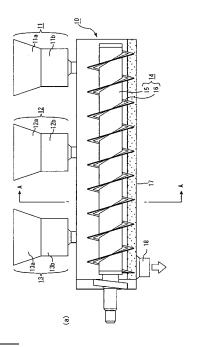
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# (54) A method for mixing powder, agitation apparatus, and a method for manufacturing honeycomb structured body

(57)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.







## **EUROPEAN SEARCH REPORT**

Application Number

EP 06 02 1031

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	The Hague	25 May 2007	Rea	al Cabrera, Rafael	
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## **EUROPEAN SEARCH REPORT**

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Application Number

EP 06 02 1031

CLAIMS INCURRING FEES
The present European patent application comprised at the time of filing more than ten claims.
Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.
LACK OF UNITY OF INVENTION
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:
see sheet B
All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



### LACK OF UNITY OF INVENTION **SHEET B**

Application Number

EP 06 02 1031

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely: 1. claims: 1-10

Apparatus and method for mixing powder, in which method the powders are fed in descending order of the particle  $\frac{1}{2}$ 

2. claims: 11-16

Method for manufacturing a honeycomb structured body.

#### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 06 02 1031

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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