

Title (en)
Manufacturing method of plugged honeycomb structure

Title (de)
Herstellungsverfahren für eine abgedichtete Wabenstruktur

Title (fr)
Procédé de fabrication d'une structure en nid d'abeille obstruée

Publication
EP 2452793 B1 20140423 (EN)

Application
EP 10251925 A 20101112

Priority
EP 10251925 A 20101112

Abstract (en)
[origin: EP2452793A1] There is provided a method for manufacturing a plugged honeycomb structure, the method including: a masking step of providing a mask 11 having injection holes 12 formed so that an injection hole gravity center 13 is shifted from a cell opening gravity center 9 in the opening portion 5 of each of cells 3 to be plugged of the honeycomb structure 1, and a plugging material-filling step of supplying a plugging material 31 having flowability into the cells 3 to be plugged from the injection hole 12 with causing repulsion pressure. The method can fill the plugging material in cell end portions of the honeycomb structure so that the cell end portions can be plugged without allowing the cell inside and the outside to communicate with each other.

IPC 8 full level
B28B 11/00 (2006.01)

CPC (source: EP)
B28B 11/006 (2013.01); **B28B 11/007** (2013.01)

Cited by
EP2727697A1; CN103786867A; US9333684B2; US9149999B2; US9597826B2; US9015941B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2452793 A1 20120516; EP 2452793 B1 20140423; PL 2452793 T3 20140930

DOCDB simple family (application)
EP 10251925 A 20101112; PL 10251925 T 20101112