

Title (en)

Slurry ejection apparatus, slurry application apparatus, and method for manufacturing plugged honeycomb structure

Title (de)

Schlammausstossvorrichtung, Schlammauftragsvorrichtung und Verfahren zur Herstellung einer abgedichteten Wabenstruktur

Title (fr)

Appareil d'éjection de boue, appareil d'application de boue et procédé de fabrication de structure en nid d'abeille bouchée

Publication

**EP 2233263 A3 20120530 (EN)**

Application

**EP 10250533 A 20100322**

Priority

JP 2009077822 A 20090326

Abstract (en)

[origin: EP2233263A2] A slurry ejection apparatus 1 includes: a container portion 2 containing slurry 10 therein and having a discharge port 20, a thrust-imparting portion 3 disposed in the container portion 2, and a nozzle portion 4 provided with a feed port 11 communicating with the discharge port 20 and a slit-shaped ejection port 12 for ejecting the slurry 10. The ejection port 12 is formed with a fixed length in the width direction 9 of the ejection port 12 in each position in a longitudinal direction 8 of the discharge port to almost uniformize an ejection amount per unit time of the slurry 10 in each position in the longitudinal direction 8 of the ejection port.

IPC 8 full level

**B28B 3/20** (2006.01); **B28B 11/00** (2006.01)

CPC (source: EP)

**B28B 3/20** (2013.01); **B28B 3/26** (2013.01); **B28B 11/006** (2013.01); **F01N 3/0222** (2013.01)

Citation (search report)

- [XPY] US 2009297765 A1 20091203 - DOMEY JEFFREY JOHN [US], et al
- [IAY] US 6423144 B1 20020723 - WATANABE MASARU [JP]
- [IY] JP 2009056421 A 20090319 - LONSEAL KOGYO KK
- [Y] US 5795601 A 19980818 - YAMADA KAZUYUKI [JP], et al
- [Y] US 5046666 A 19910910 - ONO TUNEO [JP]
- [A] US 2007182072 A1 20070809 - ICHIKAWA YUKIHITO [JP], et al

Cited by

CN103237605A; CN105636708A; CN115366238A

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

**EP 2233263 A2 20100929; EP 2233263 A3 20120530; EP 2233263 B1 20131225; JP 2010228263 A 20101014; JP 5361490 B2 20131204**

DOCDB simple family (application)

**EP 10250533 A 20100322; JP 2009077822 A 20090326**