Title (en)

MOF FORMED BY EXTRUSION AND PELLETIZING WITH A HYDRAULIC BINDER HAVING IMPROVED MECHANICAL PROPERTIES AND PROCESS FOR PREPARING SAME

Title (de)

DURCH EXTRUSION UND PELLETIERUNG MIT EINEM HYDRAULISCHEN BINDEMITTEL HERGESTELLTE MOF MIT VERBESSERTEN MECHANISCHEN EIGENSCHAFTEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

MOF MIS EN FORME PAR EXTRUSION ET PASTILLAGE AVEC UN LIANT HYDRAULIQUE PRÉSENTANT DES PROPRIÉTÉS MÉCANIQUES AMÉLIORÉES ET SON PROCÉDÉ DE PRÉPARATION

Publication

EP 2895493 A1 20150722 (FR)

Application

EP 13765373 A 20130906

Priority

- FR 1202431 A 20120912
- FR 2013052052 W 20130906

Abstract (en)

[origin: WO2014041283A1] The invention relates to a novel material comprising at least one crystalline organic-inorganic hybrid material (MHOIC) formed with a binding formulation comprising at least one hydraulic binder. The invention also relates to a process for preparing said material, comprising at least one step of mixing at least one powder of at least one crystalline organic-inorganic hybrid material with at least one powder of at least one hydraulic binder and at least one solvent, and a step of forming, preferably by pelletizing or extruding, the mixture obtained at the end of the mixing step.

IPC 8 full level

C07F 7/02 (2006.01)

CPC (source: EP US)

B01J 31/2295 (2013.01 - US); **B01J 37/04** (2013.01 - US); **B01J 37/08** (2013.01 - US); **C04B 18/021** (2013.01 - EP US); **C07F 7/025** (2013.01 - EP US); B01J 37/10 (2013.01 - EP US); B01J 2531/26 (2013.01 - US)

Citation (search report)

See references of WO 2014041283A1

Cited by

CN108821690A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 2995309 A1 20140314; **FR 2995309 B1 20150821**; EP 2895493 A1 20150722; JP 2015535790 A 20151217; US 2015266010 A1 20150924; WO 2014041283 A1 20140320

DOCDB simple family (application)

FR 1202431 A 20120912; EP 13765373 A 20130906; FR 2013052052 W 20130906; JP 2015530480 A 20130906; US 201314427786 A 20130906