

Title (en)

DIVIDED PERFORATED PLATE FOR FLUID BED GRANULATOR OR COOLER

Title (de)

GETEILTE LOCHPLATTE FÜR WIRBELBETTGRANULATOR ODER -KÜHLER

Title (fr)

PLAQUE PERFORÉE DIVISÉE POUR GRANULATEUR OU REFROIDISSEUR À LIT FLUIDISÉ

Publication

EP 3768417 A1 20210127 (EN)

Application

EP 19711922 A 20190322

Priority

- EP 18163512 A 20180323
- EP 2019057181 W 20190322

Abstract (en)

[origin: WO2019180186A1] The invention relates to a fluid-bed granulator system at least comprising a fluid bed granulator (9) with a perforated plate (2) located inside the granulator space (1), wherein the perforated plate (2) comprises at least two inner perforated plates (2a, 2a') and wherein the two inner perforated plates (2a, 2a') are connected via a middle part bar (2c) and wherein a central support tube (2d) is arranged between the middle part bar (2c) and a granulator ground floor (10) and wherein the fluid bed granulator (9) comprises a granulator space (1) inside the fluid-bed granulator (14), the perforated plate (2) located inside the granulator space (1), spray nozzles (3) located in, on or beside the perforated plate (2), fluidization air inlet (11), supply lines for atomization air (4) connected to the spray nozzles (3), supply lines for a liquid melt (5) connected to the spray nozzles (3), a granulation seeds inlet (6), a granulator outlet opening (7) and an air vent opening (8).

IPC 8 full level

B01J 2/16 (2006.01); **B01J 8/36** (2006.01); **B01J 8/44** (2006.01)

CPC (source: EP)

B01J 2/16 (2013.01); **B01J 8/34** (2013.01); **B01J 8/36** (2013.01); **B01J 8/44** (2013.01)

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)

WO 2019180186 A1 20190926; EP 3768417 A1 20210127; JP 2021516155 A 20210701; JP 7144528 B2 20220929

DOCDB simple family (application)

EP 2019057181 W 20190322; EP 19711922 A 20190322; JP 2020550161 A 20190322