

Title (en)

METHOD FOR PRODUCING CELLULAR PLASTIC PARTICLES

Title (de)

VERFAHREN ZUR HERSTELLUNG ZELLULÄRER KUNSTSTOFFPARTIKEL

Title (fr)

PROCÉDÉ DE PRODUCTION DE PARTICULES DE MATIÈRE PLASTIQUE CELLULAIRE

Publication

EP 4330002 A1 20240306 (DE)

Application

EP 22725226 A 20220425

Priority

- DE 102021111249 A 20210430
- EP 2022060838 W 20220425

Abstract (en)

[origin: WO2022229064A1] The invention relates to a method for producing cellular plastic particles, comprising the steps of: - providing a plastic material in the form of compact plastic material particles - loading the compact plastic material particles with at least one blowing agent under pressure, - expanding the plastic material particles loaded with at least one blowing agent in order to produce cellular plastic particles under the effects of temperature.

IPC 8 full level

B29C 44/34 (2006.01); **B29C 44/44** (2006.01); **C08J 9/12** (2006.01); **C08J 9/18** (2006.01)

CPC (source: EP KR US)

B29C 44/3453 (2013.01 - EP KR US); **B29C 44/3461** (2013.01 - EP KR US); **B29C 44/445** (2013.01 - EP KR US); **C08J 9/122** (2013.01 - EP KR US); **C08J 9/141** (2013.01 - EP KR); **C08J 9/18** (2013.01 - EP KR US); **B29C 2035/0822** (2013.01 - KR); **C08J 2201/034** (2013.01 - EP KR); **C08J 2203/06** (2013.01 - EP KR US); **C08J 2203/14** (2013.01 - EP KR); **C08J 2205/044** (2013.01 - EP KR US); **C08J 2323/12** (2013.01 - KR); **C08J 2325/06** (2013.01 - EP KR US); **C08J 2367/02** (2013.01 - US); **C08J 2369/00** (2013.01 - EP KR US); **C08J 2371/02** (2013.01 - EP KR); **C08J 2371/12** (2013.01 - KR US); **C08J 2377/00** (2013.01 - KR)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021111249 A1 20221103; CN 117561153 A 20240213; EP 4330002 A1 20240306; JP 2024516438 A 20240415; KR 20240005811 A 20240112; US 2024227254 A1 20240711; WO 2022229064 A1 20221103

DOCDB simple family (application)

DE 102021111249 A 20210430; CN 202280044782 A 20220425; EP 2022060838 W 20220425; EP 22725226 A 20220425; JP 2023566952 A 20220425; KR 20237041229 A 20220425; US 202218558129 A 20220425