

Title (en)  
PROCESS FOR PRODUCING COMPOSITE PARTICLES AND INSULATION MATERIAL FOR THE PRODUCTION OF INSULATING PRODUCTS FOR THE BUILDING MATERIALS INDUSTRY, AND CORRESPONDING USES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON KOMPOSITPARTIKELN UND VON ISOLIERMATERIAL ZUR HERSTELLUNG VON ISOLIERENDEN PRODUKTEN FÜR DIE BAUSTOFFINDUSTRIE SOWIE ENTSPRECHENDE VERWENDUNGEN

Title (fr)  
PROCÉDÉ DE FABRICATION DE PARTICULES COMPOSITES ET DE MATÉRIAU ISOLANT POUR LA FABRICATION DE PRODUITS ISOLANTS DESTINÉS À L'INDUSTRIE DES MATÉRIAUX DE CONSTRUCTION ET UTILISATIONS CORRESPONDANTES

Publication  
**EP 3630702 A1 20200408 (DE)**

Application  
**EP 18728151 A 20180530**

Priority  
• DE 102017111836 A 20170530  
• EP 2018064214 W 20180530

Abstract (en)  
[origin: WO2018220030A1] What are described are a process for producing an insulating product for the building materials industry or an insulation material as an intermediate product for the production of such a product, and a corresponding insulation material or an insulating product. What are further described are the use of a matrix encapsulation method for producing composite particles in the production of an insulating product for the building materials industry or of an insulation material as an intermediate product for the production of such a product and the corresponding use of the composite particles producible by means of a matrix encapsulation method.

IPC 8 full level  
**C04B 30/00** (2006.01)

CPC (source: EA EP KR US)  
**C04B 18/023** (2013.01 - EA EP KR US); **C04B 30/00** (2013.01 - EA EP); **C04B 33/00** (2013.01 - KR); **C04B 33/04** (2013.01 - EA EP KR US); **C04B 33/132** (2013.01 - EA EP KR); **C04B 33/14** (2013.01 - EA EP KR US); **C04B 35/00** (2013.01 - EA); **C04B 35/01** (2013.01 - EA EP KR); **C04B 35/16** (2013.01 - EA EP KR US); **C04B 35/6316** (2013.01 - US); **C04B 35/63416** (2013.01 - EA EP KR); **C04B 35/636** (2013.01 - EA EP); **C04B 35/638** (2013.01 - KR); **C04B 35/64** (2013.01 - US); **C04B 38/009** (2013.01 - EA EP KR US); **C04B 38/02** (2013.01 - US); **C04B 38/067** (2013.01 - US); **C04B 2111/00482** (2013.01 - EA EP KR); **C04B 2201/32** (2013.01 - EA EP KR US); **C04B 2235/3206** (2013.01 - EA EP US); **C04B 2235/3208** (2013.01 - EA EP KR US); **C04B 2235/3217** (2013.01 - EA EP KR US); **C04B 2235/3232** (2013.01 - EA EP KR US); **C04B 2235/3244** (2013.01 - EA EP KR US); **C04B 2235/3409** (2013.01 - EA EP KR US); **C04B 2235/3418** (2013.01 - EA EP KR US); **C04B 2235/3427** (2013.01 - EA EP KR US); **C04B 2235/349** (2013.01 - EA EP KR US); **C04B 2235/36** (2013.01 - EA EP KR US); **C04B 2235/44** (2013.01 - EA EP KR US); **Y02P 40/60** (2015.11 - EP)

C-Set (source: EP)  
1. **C04B 30/00 + C04B 18/023 + C04B 40/0268**  
2. **C04B 38/009 + C04B 33/04 + C04B 38/02 + C04B 38/08**  
3. **C04B 38/009 + C04B 33/04 + C04B 38/0645 + C04B 38/08**  
4. **C04B 18/023 + C04B 14/106 + C04B 18/027**  
5. **C04B 18/023 + C04B 14/104 + C04B 18/027**

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 2018220030 A1 20181206**; BR 112019025441 A2 20200616; CN 110891917 A 20200317; CN 110891917 B 20220726; DE 102017111836 A1 20181206; EA 201992846 A1 20200330; EP 3630702 A1 20200408; JP 2020521716 A 20200727; KR 102624132 B1 20240115; KR 20200015617 A 20200212; MX 2019014322 A 20200803; MX 2023012569 A 20231108; US 11603334 B2 20230314; US 2020308067 A1 20201001; US 2023242455 A1 20230803

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**EP 2018064214 W 20180530**; BR 112019025441 A 20180530; CN 201880046945 A 20180530; DE 102017111836 A 20170530; EA 201992846 A 20180530; EP 18728151 A 20180530; JP 2019566347 A 20180530; KR 20197038892 A 20180530; MX 2019014322 A 20180530; MX 2023012569 A 20191128; US 201816617035 A 20180530; US 202318164220 A 20230203