

Title (en)

PROCESS FOR DRYING MICROSPHERES

Publication

EP 0586541 A4 19940706 (EN)

Application

EP 92912509 A 19920519

Priority

US 70554591 A 19910524

Abstract (en)

[origin: WO9220465A1] Microsphere beads (2) are mixed with a surface barrier liquid or mixture of such a liquid with a solid effective to prevent agglomeration and surface bonding of the microspheres. By the control of the application of heat and balancing temperature and active mixing, removal of water (3) from the microspheres (2) is achieved. The surface barrier liquid or mixture of such a liquid with a solid in the present invention is any one of a wide diversity of materials which prevent the agglomeration of the microspheres during the process. Suitable materials include plasticizers, diluents, extenders, monomers and oligomers, and the like.

IPC 1-7

B05D 7/00

IPC 8 full level

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CPC (source: EP)

B01J 13/206 (2013.01); **B01J 13/22** (2013.01)

Citation (search report)

- [A] GB 929704 A 19630626 - SHAWINIGAN RESINS CORP
- [A] US 3784648 A 19740108 - BERGMESTER E, et al
- See references of WO 9220465A1

Cited by

DE102013226505A1; EP3950800A1; WO2022028865A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 0586541 A4 19940706; JP 3140463 B2 20010305; JP H06509125 A 19941013; KR 100216886 B1 19990901

DOCDB simple family (application)

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KR 930703590 A 19931124