

Title (en)

A process and apparatus for drying and homogenisation of material containing liquids.

Title (de)

Verfahren und Apparat zum Trocknen und Homogenisieren von flüssigkeitsenthaltendem Material.

Title (fr)

Procédé et appareil pour sécher et homogénéiser des matériaux contenant des liquides.

Publication

EP 0187173 A1 19860716 (EN)

Application

EP 84201959 A 19841231

Priority

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Abstract (en)

A process for drying and homogenisation of materials containing liquids. While continuously mixing simultaneously vibration energy is radiated by one or more vibration generators (9) towards the free surface (10) of the product mass in the mixing/drying container. Thereby substantially only the liquid, which is a polar material, is heated and vaporized so that a quick drying of the product is obtained without significant damage thereto.

IPC 1-7

B01F 15/06; **F26B 3/34**

IPC 8 full level

B01F 15/06 (2006.01); **F26B 3/347** (2006.01)

CPC (source: EP)

B01F 35/90 (2022.01); **F26B 3/347** (2013.01)

Citation (search report)

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- [A] US 4087921 A 19780509 - BLOK ARIE
- [A] US 4104804 A 19780808 - SARGEANT RALPH G

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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