

Title (en)

METHOD OF AND DEVICE FOR THE EVAPORATIVE DRYING OF A COLLOIDAL ORGANIC MIXTURE OF SOLID MATTER AND WATER

Publication

**EP 0123812 B1 19860625 (DE)**

Application

**EP 84101975 A 19840224**

Priority

DE 3307281 A 19830302

Abstract (en)

[origin: EP0123812A1] 1. Process for evaporation drying of a colloidal organic solid-liquid mixture with at least two drying steps, where in the first drying step by boiling the liquid an overpressure of the solid-steam mixture is produced and the solid-steam mixture is expanded afterwards, characterized in that the mixture is transferred from the first drying step to the second drying step under the maintained boiling pressure, the steam volume being mainly separated from the solid material and expanded.

IPC 1-7

**C11D 13/26**; **B01D 3/06**

IPC 8 full level

**B01D 3/06** (2006.01); **C11D 13/26** (2006.01); **F26B 3/00** (2006.01); **F26B 21/10** (2006.01)

CPC (source: EP)

**C11D 13/26** (2013.01); **F26B 3/00** (2013.01); **F26B 21/10** (2013.01)

Cited by

US6058623A; US5723433A; EP0645445A1; CN1049243C

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0123812 A1 19841107**; **EP 0123812 B1 19860625**; AT E20539 T1 19860715; DE 3307281 A1 19840906; DE 3307281 C2 19841220; DE 3460252 D1 19860731

DOCDB simple family (application)

**EP 84101975 A 19840224**; AT 84101975 T 19840224; DE 3307281 A 19830302; DE 3460252 T 19840224