

Title (en)

PROCESS FOR PREPARING WATER-FREE NITROGENATED COMPOUNDS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON WASSERFREIEN STICKSTOFFHALTIGEN VERBINDUNGEN

Title (fr)

PROCEDE DE PREPARATION DE COMPOSES CONTENANT DE L'AZOTE ET EXEMPTS D'EAU

Publication

**EP 0712440 A1 19960522 (DE)**

Application

**EP 94926144 A 19940803**

Priority

- DE 4326975 A 19930811
- EP 9402574 W 19940803

Abstract (en)

[origin: WO9504810A1] In order to produce water-free nitrogenated compounds with an improved solubility or dispersibility in cold water, aqueous and/or alcoholic solutions or dispersions of quaternary ammonium compounds, quaternary esters or fatty acid amines are spray dried in the presence of overheated steam.

IPC 1-7

**C11D 11/02**; **C11D 1/62**; **C11D 1/52**; **C11D 3/00**

IPC 8 full level

**A61K 8/00** (2006.01); **A61K 8/40** (2006.01); **A61K 8/41** (2006.01); **A61K 8/42** (2006.01); **A61K 8/45** (2006.01); **A61Q 5/12** (2006.01); **B01D 1/18** (2006.01); **C07C 209/82** (2006.01); **C07C 211/62** (2006.01); **C07C 213/10** (2006.01); **C07C 215/40** (2006.01); **C07C 217/46** (2006.01); **C07C 231/22** (2006.01); **C07C 233/36** (2006.01); **C09K 23/18** (2022.01); **C09K 23/22** (2022.01); **C11D 1/52** (2006.01); **C11D 1/62** (2006.01); **C11D 11/02** (2006.01); **D06M 13/02** (2006.01); **D06M 13/322** (2006.01); **D06M 13/402** (2006.01); **D06M 13/46** (2006.01); **D06M 13/463** (2006.01)

CPC (source: EP KR)

**A61K 8/416** (2013.01 - EP); **A61K 8/45** (2013.01 - EP); **A61Q 5/12** (2013.01 - EP); **B01D 1/18** (2013.01 - EP); **C07C 209/82** (2013.01 - EP); **C07C 213/10** (2013.01 - EP); **C07C 231/22** (2013.01 - EP); **C11D 1/528** (2013.01 - EP); **C11D 1/62** (2013.01 - EP); **C11D 11/02** (2013.01 - KR); **D06M 13/402** (2013.01 - EP); **D06M 13/463** (2013.01 - EP); **D06M 2200/00** (2013.01 - EP); **D06M 2200/50** (2013.01 - EP)

Citation (search report)

See references of WO 9504810A1

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