

Title (en)  
A PROCESS FOR PREPARATION SPRAY-DRIED POWDERS CONTAINING A WATER-SOLUBLE VITAMIN AND POWDERS PREPARED THEREBY.

Title (de)  
VERFAHREN ZUR HERSTELLUNG SPRÜHGETROCKNETER PULVER, ENTHALTEND EIN WASSERLÖSLICHES VITAMIN UND SO HERGESTELLTE PULVER.

Title (fr)  
PROCEDE DE PREPARATION DE POUDRES SECHEES PAR PULVERISATION CONTENANT UNE VITAMINE SOLUBLE DANS L'EAU ET POUDRES AINSI PREPAREES.

Publication  
**EP 0160087 A4 19870629 (DE)**

Application  
**EP 84904232 A 19841023**

Priority  
US 54452283 A 19831024

Abstract (en)  
[origin: WO8501877A1] A process for preparing a powder containing a water-soluble vitamin which is directly compressible into a tablet prepared by spray drying (a) an aqueous slurry of a water-soluble vitamin and a binder; (b) preferably an adsorbent; and (c) a lubricant. Particularly useful water-soluble vitamins are ascorbic acid, sodium ascorbate, and calcium ascorbate. The unique feature of the process is that the lubricant is spray-dried along with the other components. The invention also relates to powders prepared by this process. The powders are directly compressible into tablets and will not demix.

IPC 1-7  
**A61K 31/22; A61K 31/365; A61K 31/44; A61K 31/45; A61K 31/51; A61K 31/525**

IPC 8 full level  
**A61K 9/00** (2006.01); **A61K 9/16** (2006.01); **A61K 31/375** (2006.01)

CPC (source: EP)  
**A61K 9/1652** (2013.01); **A61K 31/375** (2013.01); **A61K 9/1611** (2013.01); **A61K 9/1617** (2013.01)

Citation (search report)  
• [A] FR 6228 M 19680805  
• [A] DE 1492019 A1 19690220 - MINISTERUL IND PETROLULUI  
• See references of WO 8501877A1

Designated contracting state (EPC)  
BE CH DE FR GB LI NL

DOCDB simple family (publication)  
**WO 8501877 A1 19850509**; CA 1243956 A 19881101; DK 281585 A 19850621; DK 281585 D0 19850621; EP 0160087 A1 19851106; EP 0160087 A4 19870629; JP S61500435 A 19860313

DOCDB simple family (application)  
**US 8401694 W 19841023**; CA 466228 A 19841024; DK 281585 A 19850621; EP 84904232 A 19841023; JP 50410184 A 19841023