

Title (en)  
Powdery coating composition.

Title (de)  
Pulverförmige Überzugsmittel.

Title (fr)  
Composition de revêtement en poudre.

Publication  
**EP 0000971 A1 19790307 (DE)**

Application  
**EP 78200151 A 19780822**

Priority  
• DE 2738270 A 19770825  
• DE 2835029 A 19780810

Abstract (en)  
1. Powdery coating products with high storage stability and a grain size smaller than 0,25 mm, preferably between 0,02 and 0,06 mm, based upon 1,2-epoxide compounds with more than one 1,2-epoxide group in the molecule and a lower fusion point > 40 degrees C, hardening agents and customary lacquer additives, characterised in that the coating product contains as hardening agent polyisocyanates blocked with cyclic amidines of the general formula see diagramm : EP0000971,P29,F1 wherein a means 1 or 2, R means same or different substituents selected from the group of hydrogen, alkyl, cycloalkyl, aralkyl, and aryl radical, and if necessary, 2 geminal or vicinal R's together are substituents of an unsubstituted or alkylsubstituted cycloalkyl ring, whereby the hardening agent in the coating product amounting to 2-15 wt.% with respect to the quantity of solid 1,2-epoxide compound.

Abstract (de)  
Gegenstand der Erfindung sind pulverförmige Überzugsmittel mit hoher Lagerstabilität und einer Korngrösse kleiner als 0,25 mm aus 1,2-Epoxidverbindungen mit mehr als einer 1,2-Epoxidgruppe im Molekül und einem unteren Aufschmelzpunkt >40°C und einem Härtungsmittel bestehend aus mit Imidazolen und/oder Tetrahydropyrimidinen blockierten Polyisocyanaten sowie üblichen Lackzusätzen und Verfahren zur Anwendung dieser Überzugsmittel.

IPC 1-7  
**C09D 3/58; C08G 59/40**

IPC 8 full level  
**C08G 18/58** (2006.01); **C08G 18/80** (2006.01); **C09D 5/03** (2006.01); **C08G 59/00** (2006.01); **C08G 59/28** (2006.01); **C08G 59/40** (2006.01); **C08G 59/50** (2006.01); **C09D 5/46** (2006.01); **C09D 163/00** (2006.01)

CPC (source: EP)  
**C08G 18/58** (2013.01); **C08G 18/808** (2013.01); **C08G 59/4014** (2013.01); **C09D 163/00** (2013.01); **C08G 2150/20** (2013.01)

Citation (search report)  
• [A] NL 7601739 A 19760824 - VEBA CHEMIE AG  
• [A] US 3914335 A 19751021 - TUGUKUNI HIDEYOSHI, et al

Cited by  
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**EP 0000971 A1 19790307; EP 0000971 B1 19820324**; DE 2861691 D1 19820429; IE 47157 B1 19831228; IE 781722 L 19790225; IT 7827034 A0 19780825; JP S5460331 A 19790515

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**EP 78200151 A 19780822**; DE 2861691 T 19780822; IE 172278 A 19780825; IT 2703478 A 19780825; JP 10280078 A 19780825