

Title (en)

CONVEYOR DEVICE FOR CONVEYING COATING POWDER, POWDER CENTRE WITH THE CONVEYOR DEVICE AND A METHOD OF CLEANING THE POWDER CENTRE

Title (de)

FÖRDERVORRICHTUNG ZUM FÖRDERN VON BESCHICHTUNGSPULVER, PULVERZENTRUM MIT DER FÖRDERVORRICHTUNG UND VERFAHREN ZUM REINIGEN DES PULVERZENTRUMS

Title (fr)

DISPOSITIF DE TRANSPORT DESTINÉ AU TRANSPORT DE LA POUDRE DE REVÊTEMENT, CENTRE D'ALIMENTATION EN POUDRE POURVU D'APPAREIL DE TRANSPORT ET PROCÉDÉ DE NETTOYAGE DU CENTRE D'ALIMENTATION EN POUDRE

Publication

EP 3552716 B1 20240228 (DE)

Application

EP 18167085 A 20180412

Priority

EP 18167085 A 20180412

Abstract (en)

[origin: US2019314836A1] A conveying device is provided for the conveying of coating powder and includes a powder reservoir container that includes, on the bottom, a powder outlet channel. The powder outlet channel is connected to a first powder conveyor for conveying powder out of the powder reservoir container back to a powder storage container. Moreover, a second powder conveyor is provided for conveying powder out of the powder reservoir container to a powder applicator.

IPC 8 full level

B05B 7/14 (2006.01)

CPC (source: CN EP US)

B05B 7/1404 (2013.01 - CN); **B05B 7/1454** (2013.01 - US); **B05B 7/1459** (2013.01 - US); **B05B 7/1463** (2013.01 - EP US); **B05B 7/1468** (2013.01 - EP); **B05B 7/1472** (2013.01 - EP); **B05B 12/02** (2013.01 - US); **B05B 14/10** (2018.02 - US); **B05B 15/50** (2018.02 - CN); **B05C 19/008** (2013.01 - US)

Citation (examination)

- US 4824295 A 19890425 - SHARPLESS JOHN [US]
- US 4770344 A 19880913 - KAISER THOMAS A [US]

Cited by

CN111085363A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3552716 A1 20191016; **EP 3552716 B1 20240228**; CN 110369174 A 20191025; PL 3552716 T3 20240520; US 11065632 B2 20210720; US 2019314836 A1 20191017

DOCDB simple family (application)

EP 18167085 A 20180412; CN 201910288206 A 20190411; PL 18167085 T 20180412; US 201916377119 A 20190405