

Title (en)
POWDER CENTRE FOR SUPPLYING A POWDER COATING INSTALLATION WITH COATING POWDER AND METHOD FOR CLEANING THE POWDER CENTRE

Title (de)
PULVERZENTRUM ZUM VERSORGEN EINER PULVERBESCHICHTUNGSANLAGE MIT BESCHICHTUNGSPULVER UND VERFAHREN ZUM REINIGEN DES PULVERZENTRUMS

Title (fr)
CENTRE D'ALIMENTATION EN POUDRE DESTINÉ À L'ALIMENTATION D'UNE INSTALLATION DE REVÊTEMENT PAR POUDRE ET PROCÉDÉ DE NETTOYAGE DU CENTRE D'ALIMENTATION EN POUDRE

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Application
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Priority
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Abstract (en)
[origin: US2019314848A1] A powder center for supplying a powder coating facility with coating powder includes a powder reservoir container and a powder conveyor for transporting powder out of the powder reservoir container in the direction of the powder coating facility. Moreover, the powder center includes a container lid that covers the powder reservoir container while powder is being conveyed and can be removed at least partly for the purpose of cleaning the powder reservoir container. Moreover, a cleaning unit for cleaning the powder reservoir container that can be moved from a parking position next to the powder reservoir container into a cleaning position inside the powder reservoir container by a manipulator is provided. Moreover, the powder center includes a controller by which the powder conveyor, the cleaning unit, and the manipulator can be controlled.

IPC 8 full level
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CPC (source: CN EP US)
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Citation (opposition)
Opponent : GEMA Switzerland GmbH
• DE 102005060833 A1 20070628 - ITW GEMA AG [CH]
• US 2010255975 A1 20101007 - MAUCHLE FELIX [CH], et al
• JP 2001259551 A 20010925 - HOUSE FOODS CORP
• EP 2374546 A1 20111012 - NORDSON CORP [US]
• DE 102010025749 A1 20120105 - ILLINOIS TOOL WORKS [US]
• EP 3129153 B1 20180606 - NORDSON CORP [US]
• EP 1222963 A2 20020717 - ITW GEMA AG [CH]
• EP 2218514 B1 20170426 - J WAGNER AG [CH]
• EP 3238832 B1 20200812 - WAGNER INT AG [CH]
• WAGNER: "SuperCenter - a neat a clean solution", WAGNER - BROSCHE, April 2010 (2010-04-01), pages 1 - 2, XP055869414, Retrieved from the Internet <URL:http://www.wagner-turkiye.com.tr/Docs/5-SUPER_CENTER.pdf>

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