

Title (en)

DEVICE FOR REMOVING AND TRANSFERRING AN ACCUMULATION OF POWDER AND METHOD FOR CLEANING SAID DEVICE

Title (de)

VORRICHTUNG ZUR ENTNAHME EINES PULVERARTIGEN HAUFWERKS UND ZU DESSEN WEITERFÜHRUNG SOWIE VERFAHREN ZU IHRER REINIGUNG

Title (fr)

DISPOSITIF DE PRELEVEMENT ET D'EVACUATION DE DEBLAIS PULVERULENTS ET SON MODE DE NETTOYAGE

Publication

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Application

EP 00953047 A 20000714

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Abstract (en)

[origin: DE19941203A1] The invention relates to a device for removing an accumulation of powder from a container (38) and transferring said powder to a distributing device - especially a powder gun - in a powder hose or similar conveying line. According to the invention, at least one rod injector (22) which can be inserted into the container (38) is provided. Said rod injector has at least one powder inlet bore (50) at one end and is connected to the conveying line at the other end. At least one level detector (30) is allocated to the rod injector (22), as is a powder roller (16) which is located in a surrounding roller housing with a discharge unit that opens out towards the level detector. The powder roller (16) can be provided with plates projecting out from the same and oriented towards the wall of the roller housing (14). Said plates are preferably made from a material with limited elasticity and have a cross-section length that is greater than the inner diameter (d) of the roller housing (14). The plates rest resiliently against the roller housing at one end.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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