Title (en)

METHOD FOR OPERATING A DENSE PHASE POWDER PUMP AND A DENSE PHASE POWDER PUMP

Title (de)

VERFAHREN ZUM BETREIBEN EINER PULVERDICHTSTROMPUMPE SOWIE PULVERDICHTSTROMPUMPE

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UNE POMPE À POUDRE EN PHASE DENSE ET POMPE À POUDRE EN PHASE DENSE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016192915A1] The invention relates to a dense phase powder pump (1) and a method for operating a dense phase powder pump (1) in a powder-conveying mode. In order, in a simple manner, to prevent or at least reduce powder accumulations and clogging with powder, in particular on the powder inlet side of the powder conveying chamber (4) of the dense phase powder pump (1), and thus in the region of the powder inlet valves (7), according to the invention, during a predefined or specified time period in at least one output phase and preferably at the end time of the output phase of a powder cycle, at least one of the following conditions exists: i) the powder inlet valve (7) of the dense phase powder pump (1) is open; ii) the powder outlet valve (8) of the dense phase powder pump (1) is closed; and/or iii) the application of an overpressure to the powder conveying chamber (4) of the dense phase powder pump (1) is interrupted.

IPC 8 full level

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