

Title (en)  
METHOD FOR OPERATING A CONSTRUCTION-MATERIAL AND/OR VISCOUS-MATERIAL PUMP FOR CONVEYING CONSTRUCTION MATERIAL AND/OR VISCOUS MATERIAL, AND CONSTRUCTION-MATERIAL AND/OR VISCOUS-MATERIAL PUMP FOR CONVEYING CONSTRUCTION MATERIAL AND/OR VISCOUS MATERIAL

Title (de)  
VERFAHREN ZUM BETREIBEN EINER BAU- UND/ODER DICKSTOFFPUMPE ZUM FÖRDERN VON BAU- UND/ODER DICKSTOFF UND BAU- UND/ODER DICKSTOFFPUMPE ZUM FÖRDERN VON BAU- UND/ODER DICKSTOFF

Title (fr)  
PROCÉDÉ POUR FAIRE FONCTIONNER UNE POMPE À MATÉRIAU DE CONSTRUCTION ET/OU À MATÉRIAU VISQUEUX DESTINÉE AU TRANSPORT DE MATÉRIAUX DE CONSTRUCTION ET/OU DE MATÉRIAUX VISQUEUX, ET POMPE À MATÉRIAU DE CONSTRUCTION ET/OU À MATÉRIAU VISQUEUX DESTINÉE AU TRANSPORT DE MATÉRIAUX DE CONSTRUCTION ET/OU DE MATÉRIAUX VISQUEUX

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Abstract (en)  
[origin: WO2022189201A1] The invention relates to a method for operating a construction-material and/or viscous-material pump (1) for conveying construction material and/or viscous material (BDS), - wherein the method has the steps of: a) determining a required value (P4B) of a power (P4) or of a size of the motor system (4), corresponding to the power, for moving the conveying piston (3a, 3b), b) setting, on the basis of the required value (P4B), a speed value (n4e) of the motor system (4) in such a manner that a power and/or speed reserve value (PnR) between an operating point (BP), wherein the operating point (BP) is defined by the required value (P4B) of the power (P4) or of the size and the speed value (n4e), and a characteristic curve (KL) of the motor system (4), wherein the characteristic curve (KL) is defined by maximum values (P4max) of the power (P4) or of the size and speed values (n4), wherein maximum values (P4max) are different for different speed values (n4) at least in sections, is greater than or equal to a reserve limit value (PnRG).

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