

Title (en)

STABILITY MONITORING FUNCTION FOR A THICK MATTER CONVEYING SYSTEM

Title (de)

STANDSICHERHEITSÜBERWACHUNG FÜR EIN DICKSTOFFFÖRDERSYSTEM

Title (fr)

FONCTION DE SURVEILLANCE DE STABILITÉ POUR UN SYSTÈME DE CONVOYAGE DE MATIÈRES ÉPAISSES

Publication

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Application

EP 22715094 A 20220321

Priority

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Abstract (en)

[origin: WO2022200252A1] The invention relates to, inter alia, a thick matter conveying system (10) comprising a thick matter pump (16) for conveying a thick matter, comprising a double-piston-type core pump (15) which has a pump frequency; an S tube (24) which can be switched by the pump frequency; and a thick matter distributing mast (18) for distributing the thick matter to be conveyed, wherein the thick matter distributing mast (18) has at least two mast arms (41); a substructure (30) on which the thick matter distributing mast (18) and the thick matter pump (16) are arranged, said substructure (30) comprising a support structure (31) for supporting the substructure (30) by means of at least one horizontally and/or vertically movable support leg (32); a sensor unit (11) for sequentially detecting at least one piece of operating information at at least one first and second point in time; and a processing unit (12) which is designed to determine a stability parameter of the thick matter conveying system (10) on the basis of the at least one piece of operating information detected at the first point in time, the at least one piece of operating information detected at the second point in time, and the pump frequency.

IPC 8 full level

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