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(54) Title: TORQUE CONTROL SYSTEM DEPENDENT ON WHEEL LOAD IN A DRIVE MECHANISM



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(57) **Abstract:** The invention relates to a torque control system which is dependent on wheel load in a drive mechanism for crane crabs, preferably machinery house crabs of container crabs, consisting of a drive mechanism, crab wheels, craneways and transfer elements. Said control system is characterized in that the wheel load of each wheel is determined and the torque of the drive mechanism for the wheel concerned is adjusted in such a way that there is sufficient static friction between the wheel and its running surface. The inventive solution has the advantage that there is always sufficient torque without slipping on the driven wheel, even in the case of swinging loads and low friction values between the wheels of the crab and the rail

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