

Abstract

There is provided a tower crane (2) having a control unit (100) which operates a rotating mechanism (DW), a hoisting mechanism (HW) and a trolley (KW) in dependence on at least one angle of rotation (θ_u), in dependence on at least one first angle of deflection (φ_{2x} , φ_{2y}), in dependence on the at least one second angle of deflection (φ_{1y} , φ_{ux}) and in dependence on a difference in angle of rotation ($\Delta\theta$).

(Figure 1)