

Abstract

Loading of a load with a crane system

For the automated loading of a load (28) by a crane system (8), by a camera system (9, 10, 11, 12) of the crane system (8), at least one image data stream is generated and is analyzed by a computer unit (13) making use of an artificial neural network. On the basis of the analysis, a first and a second marker (14, 15, 18, 19) are recognized by the computer unit (13) in respective single images (22, 23) of the at least one image data stream. Positions of the markers (14, 15, 18, 19) are determined and the load (28) is loaded automatically by a lifting device (27) of the crane system (8) dependent upon the positions of the markers (14, 15, 18, 29).

FIG 1