to the fastener. The system further includes a microprocessor for determining sequence of the fastener and identifying the tightened fastener.

The system of US7984657 requires a camera configured to capture an image of the work piece during the entire installing process and a visual designator, which are both not very practical on large industrial construction sites. Also, US7984657 requires significant processing power necessary to compare image and significant network bandwidth to transmit image data files. Furthermore, the functioning of US7984657 relies on a "known environment", which isn't always available.

Reference is further made to US2014/0336810A1, GB2514264A, CN204818666U, JP2015196231, WO201434194, WO201399373, JP2011240425, KR20110054491, WO201128362, US20110023280 and JP2000111450.

SUMMARY

Embodiments provide an improved system and method for installing flanges by fastening a plurality of bolts.

An aspect of the present disclosure provides a guidance device for guiding a worker through a process of installing flanges by fastening a plurality of bolts with a torque wrench, the guidance device is arranged to communicate with the torque wrench and is arranged to communicate with the worker via a user interface, the guidance device being further arranged to

a) obtain flange information about a flange to be installed, the flange information comprising an amount of bolts to be torqued, a required torqueing pattern of the bolts to be fastened and required torque values to be applied to the respective bolts in the required torqueing pattern