

Title (en)

METHOD AND DEVICE FOR TIGHTENING THREADED JOINTS

Publication

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Application

EP 90850316 A 19900924

Priority

SE 8903134 A 19890922

Abstract (en)

[origin: EP0419435A2] The invention concerns a method and a device for tightening threaded joints in two subsequent steps, namely a first step during which a joint is tightened to a predetermined torque snug level and a second step during which the joint is further tightened up to a final predetermined pretension level. During the second tightening step the torque delivered by the power tool (10) comprised in the device is gradually increased at a rate exceeding the highest torque rate expected from the joint to be tightened. The power tool (10) comprises an electric brushless AC-motor which is supplied with power from a variable frequency output inverter (11), and the gradual increase in output torque from the power tool (10) is accomplished by the phase lag in the AC-motor as a result of a gradually increased output frequency from the power supply means (11).

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] EP 0221528 A2 19870513 - SPS TECHNOLOGIES [US]
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