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under INID code 62.

(54) **WRENCH FOR EXTERNAL FIXATION STRUT ADJUSTMENT**

(57) The present disclosure relates to a programmable wrench (100) for automatically adjusting the length of external fixation struts (200), the programmable wrench (100) comprising:

a mechanical connector meant to releasably engage with the external fixation strut (200) thus enabling transmission of at least an adjustment torque from the programmable wrench (100) to the external fixation strut (200);

an electrical connector meant to releasably connect with the external fixation (200) thus enabling at least a data transmission from the external fixation strut (200) to the programmable wrench (100);

wherein the mechanical connector and the electrical connector (are integrated in a common port and are jointly engaged and disengaged with the external fixation strut (200).

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