

Title (en)
LOW BUILD ELECTRIC LUFFING CRANE

Title (de)
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Title (fr)
GRUE À PORTÉE VARIABLE ÉLECTRIQUE DE CONSTRUCTION BASSE

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Application
EP 18724888 A 20180516

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Abstract (en)
[origin: WO2018210935A1] The invention relates to a crane (1) for an unmanned platform (100) comprising a vertical main mast (2) for connection with the platform (100) and a cantilevered swiveling crane boom (3) configured to perform lifting operations. The crane (1) further comprises a strut (4) having a fixed length, said strut (4) having a first end (4a) pivotable connected to said main mast (2) and a second end (4b) slidingly connected to the crane boom (3), said crane (1) further comprises a lifting arrangement (20) and an electrically driven device (12, 53, 72) adapted to impose a force on the second end of the strut (4b) to move the second end (4b) back and forth along the longitudinal direction of the crane boom (3) between defined end positions (13a, 13b) arranged on the crane boom, the crane (1) further comprising a sliding mechanism (5) having a glide path (13, 51, 71) formed along the longitudinal axis of the crane boom (3) and a yoke (7, 52, 72) pivotable connected to the second end of the strut (4b), said yoke (7, 52, 72) is adapted to move along the glide path (13, 51, 71).

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