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(54) Title: APPARATUS FOR TREATING THE SURFACE OR CARRYING OUT MAINTENANCE AND/OR INSPECTION TASKS OF A VERTICAL STABILIZER OF AN AERIAL VEHICLE IN A LOW INTERIOR HEIGHT HANGAR

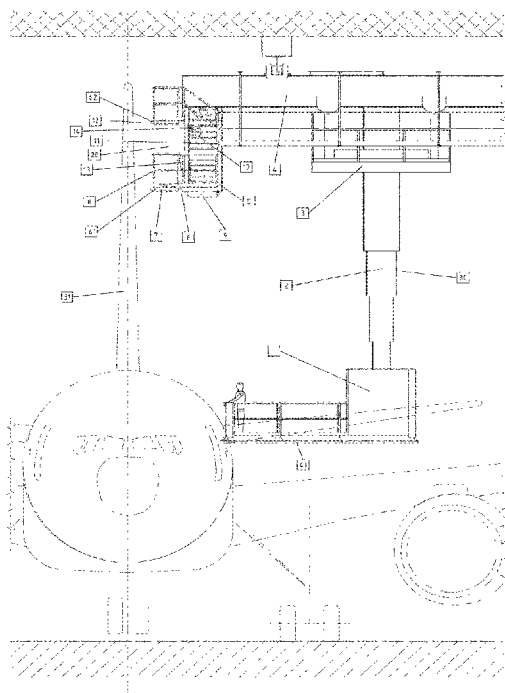


Fig. 4

(57) Abstract: The present invention concerns an apparatus for treating surfaces or carrying out maintenance/inspection tasks of the top of a vertical stabilizer (31) of an aerial vehicle by at least one technician comprising:- a single overhead crane (4) hanged on a roof (100) of a hangar building, - a single suspended vertically movable lateral teleplatform unit (30) comprising a telescopic mast (2) connected to the single overhead crane (4), - a suspended staging structure (20) firmly connected to the overhead crane (4) by a supporting structure (5), the suspended staging structure (20) comprising at least one working platform (61, 62) for treating or carrying out maintenance/inspection tasks of the vertical stabilizer (31) of the aerial vehicle at different heights by at least one technician, the length of the overhead crane (4) does not extend beyond the vertical axis (A) of the vertical stabilizer (31), characterized in that the suspended staging structure (20) is not vertically movable and is independent from the vertically movable lateral teleplatform unit (30) permitting to reach the suspended staging structure (20).