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(54) Title: HULL CLEANING ROBOT

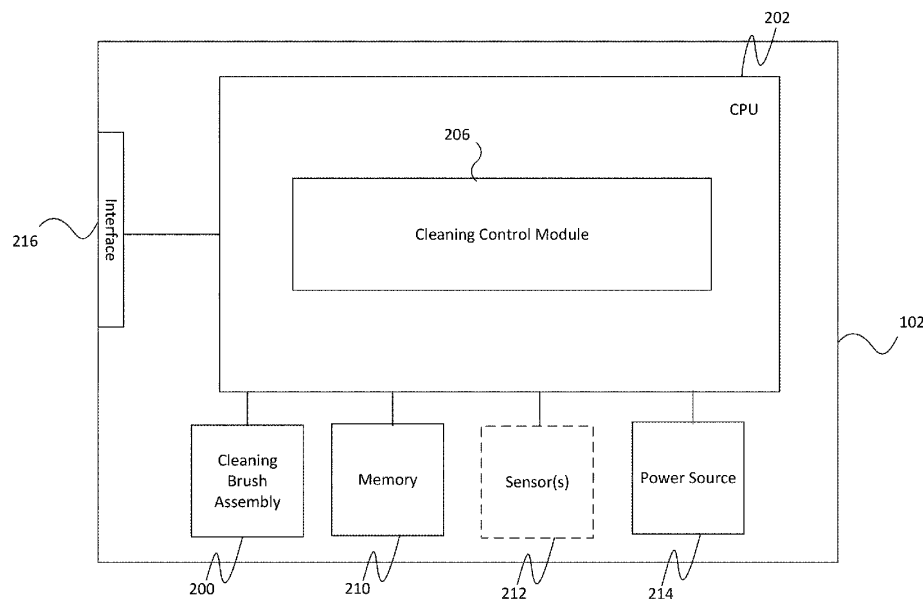


Fig. 3

(57) Abstract: M&C PC928992WO 62 10474585-1 ABSTRACT In one embodiment, there is disclosed a robot configured to clean a surface of a coating having a König pendulum hardness of less than 75 counts, the robot comprising: a cleaning brush assembly comprising a lamellar cleaning brush having a plurality of lamellas extending outwardly from a brush core and having a height, the lamellar cleaning brush arranged to rotate about its axis to apply a cleaning action to the surface when it is in contact with the surface; wherein the robot is configured to apply a degree of compression of the brush on the surface such that the brush is held in a position a distance, towards the surface of the coating, away from an initial position at which the brush is in contact with, but not 10 deformed by, the surface of the coating, wherein said distance is less than 56% of the height of the plurality of lamellas. [Fig.3] 15

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