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(54) Title: SUCTION HEAD FOR A DREDGING VESSEL AND METHOD FOR DREDGING USING SAID SUCTION HEAD

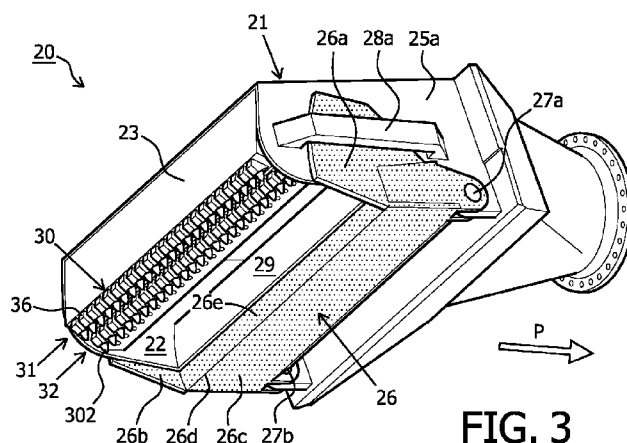


FIG. 3

(57) Abstract: The invention relates to a suction head (20) for a dredging vessel (1) that is adapted for movement in a direction of movement P. The suction head (20) comprises a box shaped construction (21) provided at the bottom side with a suction opening (22) with a connection for a suction conduit (3) of the dredging vessel (1), and with a rear wall (23) and a front wall (29, 26e), extending substantially transverse to the direction of movement P and side walls (25a, 25b), extending substantially parallel to the direction of movement P, as well as an upper wall (24) provided at the side turned away from the bottom, whereby the rear wall at the bottom side is provided with cutting tools (30) for penetrating in the bottom, and whereby the front wall comprises a fixed wall part (29) and a movable wall part (26e) that moves together with the bottom profile. The suction head can efficiently dredge harder grounds.

